

Utah's Vital Statistics
Births and Deaths

1996

Office of Public Health Data

Bureau of Vital Records

Utah's Vital Statistics ***Births and Deaths***

October 30, 1997
Technical Report No. 193

For more information contact:

*Utah Department of Health
Office of Public Health Data*

BUREAU OF VITAL RECORDS
288 N 1460 W
SALT LAKE CITY UT 84114-2855

Phone: (801) 538-6301
Fax: (801) 538-7012
Email: hlvr.vrequest@state.ut.us
Internet URL: <http://hlunix.state.ut.us/bvr/home.html>

Barry Nangle, Ph.D.
Director

This report was partially supported by contract number 200-95-7246
awarded by the U.S. Department of Health and Human Services
in support of the Vital Statistics Cooperative program
of the National Center for Health Statistics

PREFACE

This report contains data on births and deaths received by the Bureau of Vital Records, Utah Department of Health for the year 1996.

The purpose of this report is to provide data for planners, students, researchers, public officials, private business and the general public. Data are presented for the State of Utah, the local health districts, and the counties. Marriage and divorce statistics are provided as totals in this report and another report of the bureau treats them more extensively.

The first section of this report contains current annual and historical tables which provide trends in births, deaths and populations for the state. This is followed by a section of reference tables with more detailed information about births and deaths for the current year. A list of other available tables appears at the end of the Contents. These tabulations will be provided by the Bureau of Vital Records upon request. The last section of the report is the Technical Appendix with information on the sources, quality and limitations of data.

In the 1989 revision of the Utah Certificate of Live Births (Technical Appendix, Figure A-2), the Bureau added questions about life style (or risk factors) which could affect the outcome of the pregnancy and/or the health of the infant. Two of these questions are concerned with smoking and alcohol consumption during the current pregnancy. These data were first tabulated in the 1990 annual report and the data for 1996 are in Tables 15 through 16 and Figures 5 through 6 in the first section and Tables A-21 through A-22 in the reference tables section of this report. There are other items on the 1989 revision of the birth certificate which are not tabulated. Persons interested in data from these items should contact the Bureau of Vital Records for additional information.

This report is published by the staff of the Bureau of Vital Records under the direction of Barry Nangle, Ph.D., Director. Jeff Duncan is primarily responsible for preparation of this report. The manuscript was prepared for

Page ***Contents***

<i>vii</i>	<i>List of Tables</i>
1	<i>Summary Tables</i>
29	<i>Reference Tables</i>
105	<i>Technical Appendix</i>

List of Tables

<i>Page(s)</i>	<i>Summary Tables</i>
3-4	1. Statistical summary, estimated midyear population, births, deaths, maternal deaths, infant mortality, fetal deaths, marriages, divorces and annulments, residents: Utah, 1940-1996
5	2. Birth, death, natural increase, infant mortality, marriage, divorce and annulment rates and spontaneous fetal death ratios, residents: Utah and United States, 1950-1996
7	3. Statistical summary, estimated midyear population, births, deaths, infant mortality, fetal deaths and abortions by local health district and county of residence: Utah, 1996
8	4. Births by local health district and county of residence: Utah, 1980 and 1986-1996
9	5. Census of population and intercensal estimates by local health district and county of residence: Utah, April 1, 1980 and 1990 and July 1, 1987-1996
10	6. Population density by land area (frontier, rural and urban) and county of residence: Utah, 1996
11	7. Population, births and deaths by land area of residence: Utah, 1996
11	8. Infant mortality total, neonatal and postneonatal by land area of residence: Utah, 1996
11	9. Fetal deaths, low-weight births, births to unmarried mothers and abortions by land area of residence: Utah, 1996
12	10. Female population, births and fertility rates, resident females 15-44 years of age: Utah and the United States, 1970-1996
13	11. Gender ratios, number of males per 100 female births, residents: Utah and United States, 1960-1996
14	12. Low birthweight percent (less than 2,500 grams) by race, residents: Utah and United States, 1970-1996
15	13. Births to unmarried mothers by age of woman, residents: Utah, 1970-1996
16	14. Birth rates to unmarried mothers per 1,000 live births by age of woman, residents: Utah, 1970-1996

List of Tables (cont.)

<i>Page(s)</i>	<i>Summary Tables (cont.)</i>
17	15. Percent distribution of births by tobacco use of mother (average number of cigarettes per day per trimester) and birthweight of infant, residents: Utah, 1996
17	16. Percent distribution of births by alcohol use of mother (average number of drinks per week per trimester) and birthweight of infant, residents: Utah, 1996
19	Errata 17. Leading causes of death and death rates: United States and Utah, 1996
20	18. Deaths by selected causes, residents: Utah, 1980 and 1986-1996
21	19. Death rates by selected causes, residents: Utah, 1980 and 1986-1996
22	20. Expected years of life and working years of life lost by selected underlying cause of death, residents: Utah, 1996
23	21. Infant mortality rates by age at death, residents: Utah, 1960-1996
24	22. Deaths by local health district and county of residence: Utah, 1980 and 1986-1996
25	23. Deaths and percent of deaths by selected causes, Spanish and Non-spanish origin, residents: Utah, 1996
26	24. Deaths and percent of deaths by age, Spanish and Non-spanish origin, residents: Utah, 1996
26	25. Deaths and death rates from Injuries by type of violence, residents: Utah, 1994-1996 and United States, 1994-1996
27	26. Deaths due to suicide by age, gender and year, residents: Utah, 1977- 1996

List of Tables (cont.)

<i>Page(s)</i>	<i>Summary Figures</i>
6	1. Estimated resident population, July 1, each year: Utah, 1950-1996
6	2. Rate of natural increase: Utah and United States, 1950-1996
6	3. Crude birth rates: Utah and United States, 1950-1996
6	4. Crude death rates: Utah and United States, 1950-1996
18	5. Percent distribution of births by tobacco use of mother and birthweight of infant, residents: Utah, 1996
18	6. Percent distribution of births by alcohol use of mother and birthweight of infant, residents: Utah, 1996
23	7. Infant mortality rates: Utah and United States, 1980-1996

List of Tables (cont.)

<i>Page(s)</i>	<i>Reference Tables</i>
31	A-1. Births by health district, county of residence of mother, gender, number born and birth order: Utah, 1996
32	A-2. Births by health district, county of residence of mother, gender, number born and birth order: Utah, 1996
33	A-3. Births by health district, county of residence of mother and month of occurrence: Utah, 1996
34	A-4. Births by health district, county of residence and age of mother: Utah, 1996
35	A-5. Births by health district, county of residence and race of mother: Utah, 1996
36	A-6. Births by health district, county of residence of mother and birthweight of infant: Utah, 1996
37	A-7. Births by month prenatal care began by number of prenatal visits, residents: Utah, 1996
38	A-8. Births by health district, county of residence of mother and month prenatal care began: Utah, 1996
39	A-9. Births by health district, county of residence of mother and number of prenatal visits: Utah, 1996
40	A-10. Births by race of mother, birth order of infant and age of mother, residents: Utah, 1996
41	A-11. Births by race and age of mother and month prenatal care began, residents: Utah, 1996
42	A-12. Births by race and age of mother and number of prenatal visits, residents: Utah, 1996
43	A-13. Births by race of mother, gender and birthweight of infant, residents: Utah, 1996
43	A-14. Births by gestation period and birthweight of infant, residents: Utah, 1996

List of Tables (cont.)

<i>Page(s)</i>	<i>Reference Tables (cont.)</i>
44	A-15. Births by number of previous births, age and education of mother, residents: Utah, 1996
45	A-16. Births by age and education of parents, residents: Utah, 1996
45	A-17. Births to unmarried mothers by age and education of parents, residents: Utah, 1996
46	A-18. Births to unmarried mothers by health district, county of residence and age of mother: Utah, 1996
47	A-19. Births by marital status of mother, race and age of mother, residents: Utah, 1996
47	A-20. Births by age of mother and birthweight of infant, residents: Utah, 1996
48	A-21. Births by birthweight of infant and tobacco use of mother (trimester of first use of cigarettes), residents: Utah, 1996
48	A-22. Births by birthweight of infant and alcohol use of mother (trimester of first use), residents: Utah, 1996
49	A-23. Births by five-minute apgar score and birthweight of infant, residents: Utah, 1996
50	A-24. Births to mothers of Spanish origin by health district, county of residence and age of mother: Utah, 1996
51	A-25. Births to mothers of Spanish origin by race and age of mother and number of prenatal visits, residents: Utah, 1996
52	A-26. Births to mothers of Spanish origin by race, age of mother and month prenatal care began, residents: Utah, 1996
53	A-27. Births to mothers of Spanish origin by marital status of mother, race and age of mother, residents: Utah, 1996
54-58	A-28. Births and deaths by community of occurrence and residence: Utah, 1996

List of Tables (cont.)

<i>Page(s)</i>	<i>Reference Tables (cont.)</i>
59-60	A-29. Births, births under 2500 grams, fetal deaths and selected causes of infant death by institution, county of occurrence: Utah, 1996
61	A-30. Fetal deaths by health district, county of residence and age of mother: Utah, 1996
62-63	A-31. Fetal deaths by selected cause and gender, residents: Utah, 1996
64-66	A-32. Deaths to infants by selected causes by gender, race and age, residents: Utah, 1996
67	A-33. Deaths to infants under one year of age by mother's health district and county of residence: Utah, 1996
68	A-34. Deaths by health district, county of residence and month: Utah, 1996
69	A-35. Deaths by health district, county of residence, race and gender: Utah, 1996
70	A-36. Deaths by age, race and gender, residents: Utah, 1996
71-73	A-37. Deaths by health district, county of residence, age and gender: Utah, 1996
74-82	A-38. Deaths by selected causes and county of residence: Utah, 1996
83-85	A-39. Deaths by selected causes and age, residents: Utah, 1996
86	A-40. Deaths by health district, county of occurrence and place where death occurred, residents: Utah, 1996
87	A-41. Deaths from injuries due to violence by health district, county of residence and cause: Utah, 1996
88	A-42. Deaths from injuries due to violence by age, gender and cause, residents: Utah, 1996

List of Tables (cont.)

<i>Page(s)</i>	<i>Reference Tables (cont.)</i>
89	A-43. Deaths from injuries due to violence by race, gender and cause, residents: Utah, 1996
90	A-44. Deaths from injuries due to accidents by cause and month, occurrences: Utah, 1996
91	A-45. Deaths from injuries due to accidents by cause, age and gender, occurrences: Utah, 1996
92-100	A-46. Deaths to decedents of Spanish origin by selected causes and county of residence: Utah, 1996
101-103	A-47. Deaths to decedents of Spanish origin by health district, county of residence, age and gender: Utah, 1996

List of Tables (cont.)

<i>Page(s)</i>	<i>Technical Appendix</i>
<i>109</i>	Figure A1. Local health departments, registrars and deputy registrars
<i>110</i>	Figure A2. Map of Utah with county borders
<i>111-112</i>	Figure A3. Certificate of live birth
<i>113</i>	Figure A4. Certificate of death
<i>114</i>	Figure A5. Fetal death certificate

Erratum

<i>121</i>	Replaces Table A-10 in the 1995 Annual Report: Births by race of mother, birth order of infant and age of mother, residents: Utah, 1995
------------	---

List of Tables (cont.)

***Tables Not Included in this Report
But Available Upon Request***

B5. Births by race of infant, age of mother and month prenatal care began, residents: Utah, 1996

B6. Births by race of Infant, age of mother and number of parental visits, residents: Utah, 1996

B7. Births to mothers of Spanish origin by race of infant, age of mother and number of prenatal visits, residents: Utah, 1996

B8. Births by race, birth order of infant and age of mother, residents: Utah, 1996

B9. Births by marital status of mother, race of infant and age of mother, residents: Utah, 1996

B10. Births to mothers of Spanish origin by marital status of mother, race of infant and age of mother, residents: Utah, 1996

B12. Births by selected city of residence and age of mother: Utah, 1996

B15. Births to mothers of Spanish origin by race of infant, age of mother and month parental care began, residents: Utah, 1996

B17. Births to mothers of spanish origin by age of mother and birthweight of infant, residents: Utah, 1996

B24. Births by health district, county of residence of mother and race

B26. Births by race, sex and birthweight of infant, residents: Utah, 1996

B28. Births by one-minute apgar score and birthweight of infant, residents: Utah, 1996

B29. Births to Utah residents that occurred out-of-state and births to out-of-state residents that occurred in Utah: 1996

B30. Births by birthweight of infant and tobacco use of mother, residents: Utah, 1996

List of Tables (cont.)

***Tables Not Included in this Report
But Available Upon Request***

B31. Births by number of prenatal visits and tobacco use of mother, residents: Utah, 1996

B32. Births by age and tobacco use of mother, residents: Utah, 1996

B33. Births by Spanish origin, education and tobacco use of mother, residents: Utah, 1996

B34. Births by education of mother, race of infant and tobacco use of mother, residents: Utah, 1996

B35. Births by marital status, education and tobacco use of mother, residents: Utah, 1996

B36. Births by birthweight of infant and alcohol use of mother (includes first trimester of use), residents: Utah, 1996

B37. Births by number of prenatal visits and alcohol use of mother (includes first trimester of use), residents: Utah, 1996

B38. Births by Age and Alcohol Use of Mother (Includes First Trimester of Use), Residents: Utah, 1996

B39. Births by Spanish origin, education and alcohol use of mother (includes first trimester of use), residents: Utah, 1996

B40. Births by education of mother, race of infant and alcohol use of mother (includes first trimester of use), residents: Utah, 1996

B41. Births by marital status, education and alcohol use of mother (includes first trimester of use), residents: Utah, 1996

B42. Births by health district, county of residence and tobacco use of mother, Utah: 1996

B43. Births by health district, county of residence and alcohol use of mother (includes first trimester of use): Utah, 1996

B44. Births by birthweight of infant and alcohol use of mother (average number of drinks per week per trimester), residents: Utah, 1996

List of Tables (cont.)

List of Tables Not Included in this Report But Available Upon Request

B45. Births by age and alcohol use of mother (average number of drinks per week per trimester), residents: Utah, 1996

B46. Births by age and tobacco use of mother (average number of cigarettes per day per trimester), residents: Utah, 1996

B47. Births by birthweight of infant and tobacco use of mother (average number of cigarettes per day per trimester), residents: Utah, 1996

X8. Deaths to infants by race, age and county of residence: Utah, 1996

X9. Deaths to infants by selected causes by gender, race and age, residents: Utah, 1996

X12. Deaths from injuries due to suicide by age and residence: Utah, 1996

X14. Deaths by city of residence, age and sex: Utah, 1996

X17. Deaths to decedents of Spanish origin by selected causes and age, residents: Utah, 1996

X20. Deaths from injuries due to suicide by age, sex and method, residents: Utah, 1996

X21. Deaths from injuries due to accidents by type and month, occurrences: Utah, 1996

X22. Deaths by state of occurrence, 1996

X23. Deaths from injuries due to accidents at residence by type, age and gender, occurrences: Utah, 1996

X24. Deaths from injuries due to accidents at residences by type and county of occurrence, occurrences: Utah, 1996

X25. Deaths from diseases of the circulatory system by age and sex, residents: Utah, 1996

X26. Deaths from injuries due to public non-motor vehicle accidents excluding occurrences at residences by type, age and sex, occurrences: Utah, 1996

List of Tables (cont.)

***Tables Not Included in this Report
But Available Upon Request***

X27. Deaths from injuries due to public non-motor vehicle accidents excluding occurrences at residences by type and county of occurrence, occurrences: Utah, 1996

X28. Deaths from injuries due to accidents at work by type, age and sex, occurrences: Utah, 1996

X29. Deaths from injuries due to accidents at work by type and county of occurrence, occurrences: Utah, 1996

X30. Deaths from injuries due to poisoning by type, age and sex, residents: Utah, 1996

X31. Deaths from injuries due to firearms, missiles and explosives by type, age and sex, residents: Utah, 1996

X32. Deaths from injuries due to motor vehicle accidents by type, age and sex, occurrences: Utah, 1996

X33. Deaths from injuries due to motor vehicle accidents by type and person deceased, occurrences: Utah, 1996

X34. Deaths from injuries due to motor vehicle accidents by type and county of occurrence, occurrences: Utah, 1996

X35. Deaths from injuries due to motor vehicle accidents by type and county where death occurred, occurrences: Utah, 1996

X36. Deaths by selected causes and tobacco use, residents: Utah, 1996

X37. Deaths by selected causes and tobacco use, occurrences: Utah, 1996

X39. Leading causes of death for 72 selected causes by age, residents: Utah, 1996

1996 Summary Tables:
Births and Deaths

Table 1. Statistical summary, estimated midyear population, births, deaths, maternal deaths, infant mortality, fetal deaths, marriages, divorces and annulments, residents: Utah, 1940-1996

Year	Estimated midyear population ¹	Births	Deaths	Maternal deaths	Infant mortality	Fetal deaths	Marriages	Divorces and annulments
1940	554,000	13,347	4,845	36	539	253	8,254	1,500
1941	551,000	13,227	4,347	26	402	268	7,263	1,360
1942	575,000	15,520	4,622	27	522	281	6,081	1,433
1943	631,000	16,940	4,713	27	539	275	6,705	1,982
1944	605,000	16,043	4,727	22	548	248	6,262	2,995
1945	591,000	15,680	4,859	21	488	268	7,034	2,651
1946	638,000	18,220	4,785	25	496	293	9,781	3,434
1947	636,000	21,724	4,996	17	545	303	7,965	2,927
1948	653,000	20,714	5,070	12	550	298	7,327	2,199
1949	671,000	21,164	4,929	5	527	297	6,402	2,166
1950	696,000	21,192	4,974	7	506	256	7,110	2,107
1951	706,000	22,769	4,895	10	565	276	6,843	2,271
1952	724,000	23,732	5,188	11	590	313	6,752	2,331
1953	739,000	23,583	5,084	5	565	301	6,926	2,433
1954	750,000	24,305	4,992	6	506	325	6,295	2,140
1955	783,000	24,602	5,092	7	507	330	6,294	2,059
1956	809,000	24,971	5,224	7	571	320	6,657	2,189
1957	826,000	26,064	5,696	8	561	317	6,672	1,565
1958	845,000	25,384	5,809	10	564	325	6,600	2,002
1959	870,000	25,645	5,879	10	514	321	6,734	2,179
1960	900,000	26,272	5,997	5	517	276	7,119	2,167
1961	936,000	26,590	6,081	7	538	263	7,401	2,360
1962	958,000	26,213	6,325	9	525	290	7,651	2,480
1963	974,000	24,952	6,544	4	464	288	8,194	2,659
1964	978,000	23,844	6,404	3	482	237	8,525	2,895
1965	991,000	22,261	6,672	5	419	224	8,736	2,872
1966	1,009,000	22,601	6,850	5	414	222	9,623	3,090
1967	1,019,000	22,948	6,516	3	383	241	10,220	3,288
1968	1,029,000	23,193	6,882	3	410	240	11,558	3,390
1969	1,047,000	24,232	6,791	4	382	238	11,633	3,841
1970	1,066,000	26,969	7,063	6	405	298	11,938	3,912
1971	1,101,000	27,552	7,245	2	382	258	12,497	4,419
1972	1,135,000	26,911	7,323	12	360	263	13,911	4,876
1973	1,169,000	27,978	7,573	5	354	219	14,840	5,137
1974	1,197,000	29,946	7,380	2	364	286	15,164	5,670
1975	1,234,000	31,667	7,519	7	415	257	14,858	6,131
1976	1,272,000	35,310	7,472	7	414	275	14,693	6,170
1977	1,316,000	37,956	7,612	5	381	318	15,098	6,947
1978	1,364,000	38,811	7,871	2	443	283	16,489	7,175
1979	1,416,000	41,078	7,871	6	438	317	16,713	7,594
1980	1,474,000	41,786	8,103	3	435	302	17,079	7,957
1981	1,515,000	41,286	8,263	1	403	316	18,346	8,259
1982	1,558,000	41,537	8,502	6	457	272	18,705	8,413
1983	1,595,000	39,441	8,484	3	344	270	18,437	8,525
1984	1,622,000	38,286	8,944	6	350	263	17,981	8,262

Table 1. Statistical summary, estimated midyear population, births, deaths, maternal deaths, infant mortality, fetal deaths, marriages, divorces and annulments, residents: Utah, 1940-1996

Year	Estimated midyear population ¹	Births	Deaths	Maternal deaths	Infant mortality	Fetal deaths	Marriages	Divorces and annulments
1985	1,643,000	37,441	9,044	6	361	263	17,461	8,719
1986	1,663,000	36,383	8,886	1	310	238	17,119	8,589
1987	1,678,000	35,285	9,055	2	312	252	16,745	8,985
1988	1,690,000	36,040	9,185	0	287	190	17,376	8,080
1989	1,706,000	35,558	9,223	2	285	226	18,598	8,110
1990	1,729,000	36,253	9,125	2	269	189	19,427	8,950
1991	1,775,000	36,019	9,576	1	222	198	19,472	8,800
1992	1,822,000	37,198	9,713	7	221	244	19,983	9,406
1993	1,866,000	37,077	10,393	2	222	204	20,181	8,794
1994	1,916,000	38,271	10,410	2	234	202	20,928	8,978
1995	1,959,000	39,556	10,854	3	206	227	21,469	8,857
1996	2,002,362	42,056	10,974	2	250	242	22,578	8,789

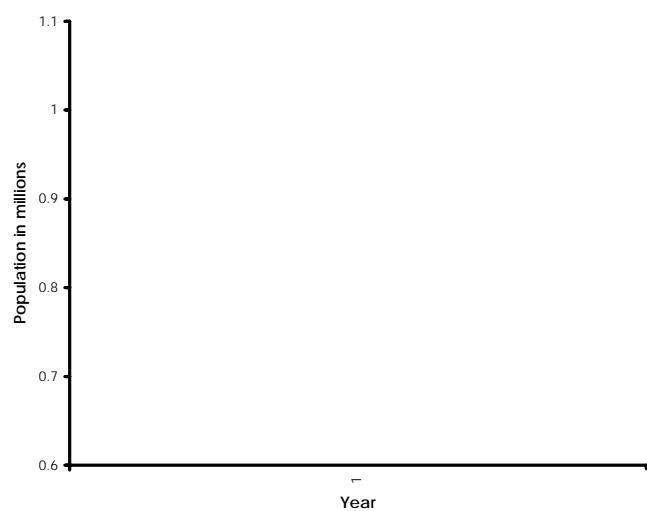
¹Source: Utah Population Estimates Committee and Bureau of Economic and Business Research; Table 3: "July 1 Population Estimates for Utah by County and Multi-county District, Selected Years 1940 to 1996"; Utah Economic and Business Review, Vol. 57, Nos. 1 and 2; University of Utah; January/February

Notes: The population estimates for 1940-1959 in Utah's Vital Statistics: Births and Deaths, 1977 were revised to agree with The U.S. Census estimates, while the estimates for 1971-1985 in Utah's Vital Statistics: Births and Deaths, 1990 were revised to agree with the Utah Population Estimates Committee. these estimates will not agree with prior reports in this series. Resident live births 1941-1944, 1948-1956 and deaths 1941-1944, 1949-1956 were revised in Utah's Vital Statistics: Births and Deaths, 1980 to agree with earlier records of the Department of Health

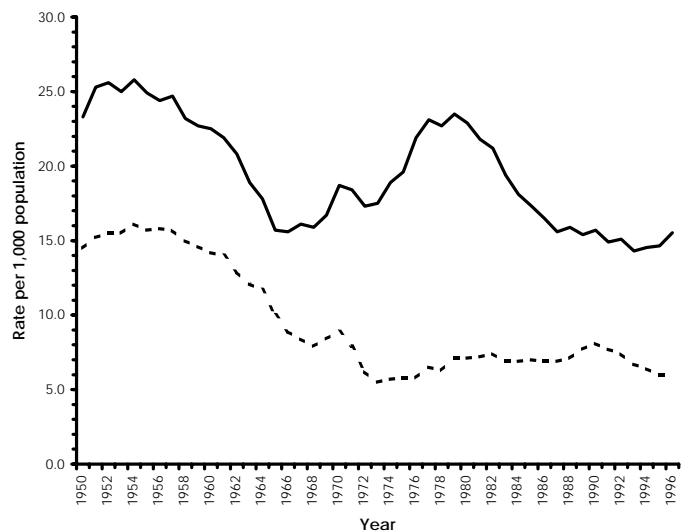
Table 2. Birth, death, natural increase, infant mortality, marriage, divorce and annulment rates and spontaneous fetal death ratios, residents: Utah and United States, 1950-1996

Year	Birth ¹		Death ¹		Natural increase ¹		Infant mortality ²		Fetal death ²		Marriage ¹		Divorce and annulment ¹	
	Utah	U.S.	Utah	U.S.	Utah	U.S.	Utah	U.S.	Utah	U.S.	Utah	U.S.	Utah	U.S.
1950	30.4	24.1	7.1	9.6	23.3	14.5	23.9	29.2	12.1	19.2	10.2	11.1	3.0	2.6
1951	32.3	24.9	6.9	9.7	25.3	15.2	24.8	28.4	12.1	18.8	9.7	10.4	3.2	2.5
1952	32.8	25.1	7.2	9.6	25.6	15.5	24.9	28.4	13.2	18.3	9.3	9.9	3.2	2.5
1953	31.9	25.1	6.9	9.6	25.0	15.5	24.0	27.8	12.8	17.8	9.4	9.8	3.3	2.5
1954	32.4	25.3	6.7	9.2	25.8	16.1	20.8	26.6	13.4	17.5	8.4	9.2	2.9	2.4
1955	31.4	25.0	6.5	9.3	24.9	15.7	20.6	26.4	13.4	17.1	8.0	9.3	2.6	2.3
1956	30.9	25.2	6.5	9.4	24.4	15.8	22.9	26.0	12.8	16.5	8.2	9.5	2.7	2.3
1957	31.6	25.3	6.9	9.6	24.7	15.7	21.5	26.3	12.2	16.3	8.1	8.9	1.9	2.2
1958	30.0	24.5	6.9	9.5	23.2	15.0	22.2	27.1	12.8	16.5	7.8	8.4	2.4	2.1
1959	29.5	24.0	6.8	9.4	22.7	14.6	20.0	26.4	12.5	16.2	7.7	8.5	2.5	2.2
1960	29.2	23.7	6.7	9.5	22.5	14.2	19.7	26.0	10.5	16.1	7.9	8.5	2.4	2.2
1961	28.4	23.3	6.5	9.3	21.9	14.0	20.2	25.3	9.9	16.1	7.9	8.5	2.5	2.3
1962	27.4	22.4	6.6	9.5	20.8	12.9	20.0	25.3	11.1	15.9	8.0	8.5	2.6	2.2
1963	25.6	21.7	6.7	9.6	18.9	12.1	18.6	25.2	11.5	15.8	8.4	8.8	2.7	2.3
1964	24.4	21.1	6.5	9.4	17.8	11.7	20.2	24.8	9.9	16.4	8.7	9.0	3.0	2.4
1965	22.5	19.4	6.7	9.4	15.7	10.0	18.8	24.7	10.1	16.2	8.8	9.3	2.9	2.5
1966	22.4	18.4	6.8	9.5	15.6	8.9	18.3	23.7	9.8	15.7	9.5	9.5	3.1	2.5
1967	22.5	17.8	6.4	9.4	16.1	8.4	16.7	22.4	10.5	15.6	10.0	9.7	3.2	2.6
1968	22.5	17.6	6.7	9.7	15.9	7.9	17.7	21.8	10.3	15.8	11.2	10.4	3.3	2.9
1969	23.1	17.9	6.5	9.5	16.7	8.4	15.8	20.9	9.8	14.1	11.1	10.6	3.7	3.2
1970	25.3	18.4	6.6	9.5	18.7	8.9	15.0	20.0	11.0	14.2	11.2	10.6	3.7	3.5
1971	25.0	17.2	6.6	9.3	18.4	7.9	13.9	19.1	9.4	13.4	11.4	10.6	4.0	3.7
1972	23.7	15.6	6.5	9.4	17.3	6.2	13.4	18.5	9.8	12.7	12.3	10.9	4.3	4.0
1973	23.9	14.8	6.5	9.3	17.5	5.5	12.7	17.7	7.8	12.2	12.7	10.8	4.4	4.3
1974	25.0	14.8	6.2	9.1	18.9	5.7	12.2	16.7	9.6	11.5	12.7	10.5	4.7	4.6
1975	25.7	14.6	6.1	8.8	19.6	5.8	13.1	16.1	8.1	10.7	12.0	10.0	5.0	4.8
1976	27.8	14.6	5.9	8.8	21.9	5.8	11.7	15.2	7.8	10.5	11.6	9.9	4.9	5.0
1977	28.8	15.1	5.8	8.6	23.1	6.5	10.0	14.1	8.4	9.9	11.5	9.9	5.3	5.0
1978	28.5	15.0	5.8	8.7	22.7	6.3	11.4	13.8	7.3	9.7	12.1	10.3	5.3	5.1
1979	29.0	15.6	5.6	8.5	23.5	7.1	10.7	13.1	7.7	9.4	11.8	10.4	5.4	5.3
1980	28.3	15.9	5.5	8.8	22.9	7.1	10.4	12.6	7.2	9.2	11.6	10.6	5.4	5.2
1981	27.3	15.8	5.5	8.6	21.8	7.2	9.8	11.9	7.7	9.0	12.1	10.6	5.5	5.3
1982	26.7	15.9	5.5	8.5	21.2	7.4	11.0	11.5	6.5	8.9	12.0	10.6	5.4	5.1
1983	24.7	15.6	5.3	8.6	19.4	6.9	8.7	11.2	6.8	8.5	11.6	10.5	5.3	5.0
1984	23.6	15.6	5.5	8.6	18.1	6.9	9.1	10.8	6.9	8.2	11.1	10.5	5.1	5.0
1985	22.8	15.8	5.5	8.8	17.3	7.0	9.6	10.6	7.0	7.9	10.6	10.1	5.3	5.0
1986	21.9	15.6	5.3	8.8	16.5	6.9	8.5	10.4	6.5	7.7	10.3	10.0	5.2	4.9
1987	21.0	15.7	5.4	8.8	15.6	6.9	8.8	10.1	7.1	7.7	10.0	9.9	5.4	4.8
1988	21.3	16.0	5.4	8.9	15.9	7.1	8.0	10.0	5.3	7.5	10.3	9.8	4.8	4.8
1989	20.8	16.4	5.4	8.7	15.4	7.7	8.0	9.8	6.4	7.5	10.9	9.7	4.8	4.7
1990	21.0	16.7	5.3	8.6	15.7	8.1	7.4	9.2	5.2	7.5	11.2	9.8	5.2	4.7
1991	20.3	16.3	5.4	8.6	14.9	7.7	6.2	8.9	5.5	7.3	11.0	9.4	5.0	4.7
1992	20.4	15.9	5.3	8.5	15.1	7.4	5.9	8.5	6.6	7.4	11.0	9.3	5.2	4.8
1993	19.9	15.5	5.6	8.8	14.3	6.7	6.0	8.4	5.5	N.A.	10.8	9.0	4.7	4.6
1994	20.0	15.2	5.4	8.8	14.5	6.4	6.1	8.0	5.3	N.A.	10.9	9.1	4.7	4.6
1995	20.2	14.8	5.5	8.8	14.7	6.0	5.2	7.6	5.7	N.A.	11.0	8.9	4.5	4.4
1996	21.0	14.8	5.5	8.8	15.5	6.0	5.9	7.2	5.8	N.A.	11.3	8.8	4.4	4.4

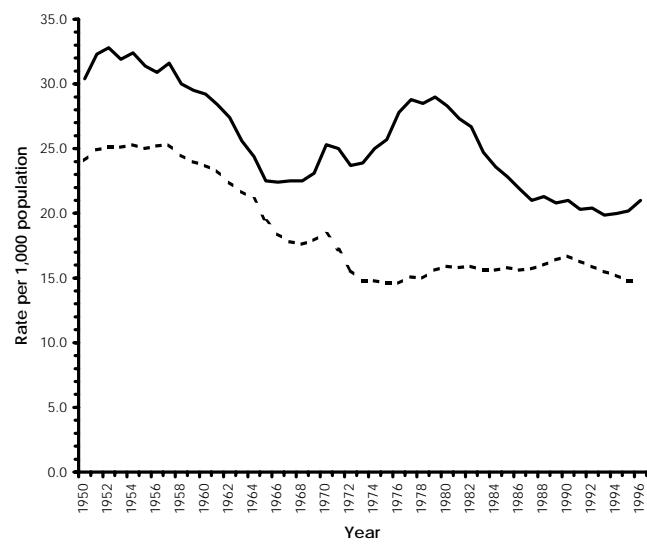
**Figure 1. Estimated resident population,
July 1, each year: Utah 1950-1996**



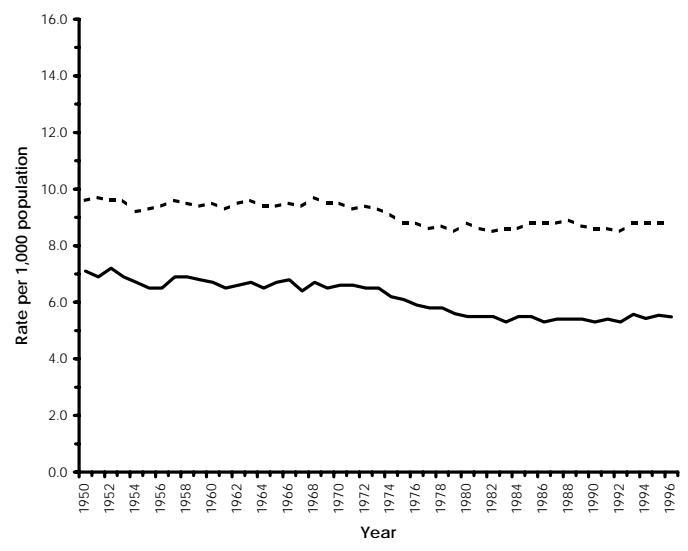
**Figure 2. Rate of natural increase:
Utah and United States, 1950-1996**



**Figure 3. Crude birth rates:
Utah and United States, 1950-1996**

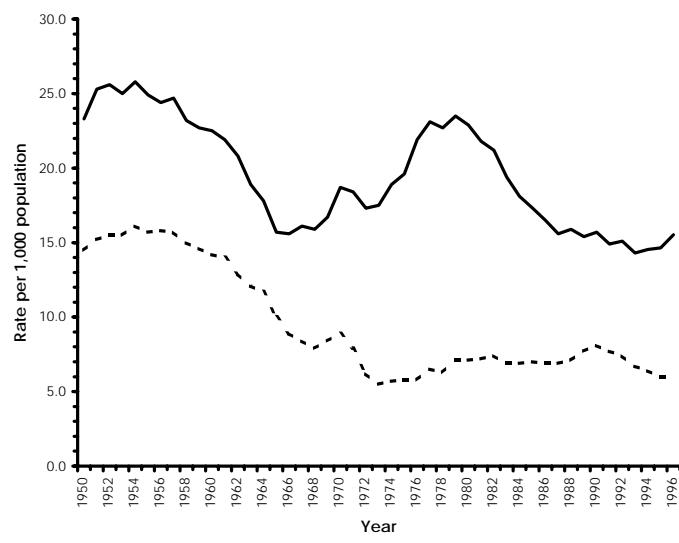


**Figure 4. Crude death rates:
Utah and United States, 1950-1996**



Utah _____
U.S. -----

**Figure 2. Rate of natural increase:
Utah and United States, 1950-1996**



**Figure 4. Crude death rates:
Utah and United States, 1950-1996**

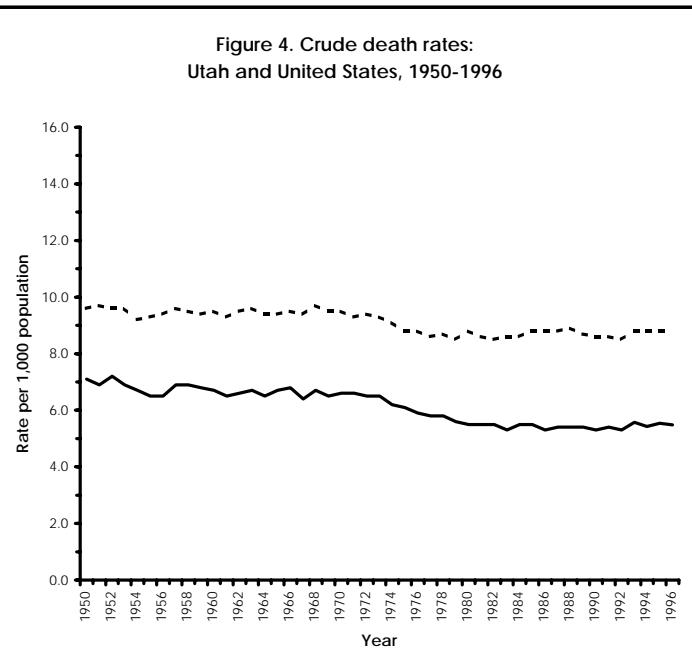


Table 3. Statistical summary, estimated midyear population, births, deaths, infant mortality, fetal deaths and abortions by local health district and county of residence: Utah, 1996

District and county	Estimated population ¹ 1 July 1996	Births		Deaths		Infant mortality		Fetal death		Abortions	
		Number	Rate ²	Number	Rate ²	Number	Rate ³	Number	Rate ³	Number	Rate ³
Total	2,002,362	42,056	21.0	10,974	5.5	250	5.9	242	5.8	3,293	78.3
Bear River	123,404	2,782	22.5	596	4.8	12	4.3	11	4.0	92	33.1
Box Elder	39,484	734	18.6	236	6.0	6	--	5	--	21	28.6
Cache	82,098	2,020	24.6	351	4.3	6	--	6	--	71	35.1
Rich	1,822	28	15.4	9	4.9	0	--	0	--	0	--
Central Utah	60,982	1,007	16.5	489	8.0	12	11.9	3	--	25	24.8
Juab	7,445	155	20.8	51	6.9	2	--	0	--	5	--
Millard	11,958	176	14.7	102	8.5	2	--	2	--	3	--
Piute	1,508	19	12.6	14	9.3	0	--	0	--	0	--
Sanpete	19,999	330	16.5	153	7.7	1	--	0	--	7	21.2
Sevier	17,683	284	16.1	149	8.4	7	24.6	1	--	9	31.7
Wayne	2,389	43	18.0	20	8.4	0	--	0	--	1	--
Davis	219,644	4,317	19.7	858	3.9	21	4.9	19	4.4	268	62.1
Salt Lake	818,860	16,663	20.3	4,736	5.8	101	6.1	102	6.1	2,149	129.0
Southeastern	54,216	879	16.2	324	6.0	1	--	2	--	32	36.4
Carbon	21,420	303	14.1	164	7.7	1	--	1	--	23	75.9
Emery	10,810	185	17.1	54	5.0	0	--	1	--	3	--
Grand	8,798	120	13.6	53	6.0	0	--	0	--	6	--
San Juan	13,188	271	20.5	53	4.0	0	--	0	--	0	--
Southwest	116,866	2,360	20.2	824	7.1	16	6.8	22	9.3	16	6.8
Beaver	5,606	110	19.6	45	8.0	1	--	0	--	1	--
Garfield	4,386	70	16.0	32	7.3	0	--	0	--	1	--
Iron	28,030	618	22.0	144	5.1	5	--	9	14.6	8	12.9
Kane	5,956	82	13.8	58	9.7	1	--	1	--	0	--
Washington	72,888	1,480	20.3	545	7.5	9	6.1	12	8.1	6	--
Summit	23,562	374	15.9	82	3.5	3	--	1	--	79	211.2
Tooele	30,492	610	20.0	164	5.4	4	--	3	--	51	83.6
Uintah Basin	39,110	660	16.9	251	6.4	11	16.7	1	--	21	31.8
Daggett	803	5	--	3	--	0	--	0	--	1	--
Duchesne	14,032	253	18.0	101	7.2	5	--	0	--	7	27.7
Uintah	24,275	402	16.6	147	6.1	6	--	1	--	13	32.3
Utah County	317,879	8,370	26.3	1,369	4.3	38	4.5	49	5.9	252	30.1
Wasatch	12,585	231	18.4	77	6.1	4	--	5	--	8	34.6
Weber-Morgan	184,762	3803	20.6	1,204	6.5	27	7.1	24	6.3	300	78.9
Morgan	6,693	110	16.4	31	4.6	0	--	0	--	5	--
Weber	178,069	3,693	20.7	1,173	6.6	27	7.3	24	6.5	295	79.9

¹Source: Utah Population Estimates Committee and Bureau of Economic and Business Research; Table 3: "July 1 Population Estimates for Utah by County and Multi-county District, Selected Years 1940 to 1996"; Utah Economic and Business Review, Vol. 57, Nos. 1 and 2; University of Utah; January/February 1997.

²Rate per 1,000 population.

³Rate or ratio per 1,000 live births.

- Rates and/or ratios are not computed for fewer than seven events.

Table 4. Births by local health district and county of residence: Utah, 1980 and 1986-1996

District and county	Year											
	1980	1986	1987	1988	1989	1990	1991	1992	1993	1994	1995	1996
Total	41,786	36,383	35,285	36,040	35,558	36,253	36,019	37,198	37,077	38,271	39,556	42,056
Bear River	2,775	2,371	2,393	2,498	2,382	2,430	2,382	2,449	2,510	2,479	2,546	2,782
Box Elder	902	785	755	776	700	715	718	652	714	684	652	734
Cache	1,805	1,541	1,596	1,693	1,639	1,687	1,639	1,776	1,773	1,771	1,871	2,020
Rich	68	45	42	29	43	28	25	21	23	24	23	28
Central Utah	1,322	1,086	1,009	941	894	926	910	915	948	925	1,017	1,007
Juab	151	120	123	90	98	105	89	98	124	126	135	155
Millard	267	310	248	244	228	230	210	196	219	192	197	176
Piute	34	15	18	17	14	14	15	10	21	15	22	19
Sanpete	389	311	294	293	251	297	305	290	301	299	320	330
Sevier	424	290	281	267	270	250	261	295	251	258	297	284
Wayne	57	40	45	30	33	30	30	26	32	35	46	43
Davis	4,083	3,701	3,808	3,944	3,915	3,871	3,760	4,017	3,728	3,980	4,131	4,317
Salt Lake	16,577	14,920	14,636	14,761	14,536	14,914	14,782	15,223	15,226	15,379	15,693	16,663
Southeastern	1,585	1,093	1,010	942	954	913	961	899	808	837	834	879
Carbon	615	402	373	307	304	289	343	282	296	289	296	303
Emery	421	253	199	187	199	185	205	170	159	146	159	185
Grand	197	121	111	92	105	109	88	94	78	120	99	120
San Juan	352	317	327	356	346	330	325	353	275	282	280	271
Southwest	1,594	1,576	1,476	1,589	1,581	1,578	1,635	1,700	1,809	2,020	2,143	2,360
Beaver	123	87	69	69	85	70	77	92	86	91	104	110
Garfield	100	83	74	70	84	48	76	61	72	61	52	70
Iron	507	429	378	420	429	427	448	444	494	557	573	618
Kane	104	98	87	92	91	95	89	84	62	86	69	82
Washington	760	879	868	938	892	938	945	1,019	1,095	1,225	1,345	1,480
Summit	256	253	212	232	246	269	282	285	323	359	336	374
Tooele	632	542	500	464	424	506	479	483	497	521	518	610
Uintah Basin	1,107	953	839	731	686	703	711	702	688	671	653	660
Daggett	27	13	13	14	12	15	12	6	12	12	9	5
Duchesne	418	364	307	289	247	255	246	270	235	246	257	253
Uintah	662	576	519	428	427	433	453	426	441	413	387	402
Utah County	7,838	6,417	6,057	6,599	6,558	6,751	6,779	7,055	7,076	7,585	7,931	8,370
Wasatch	268	202	215	173	194	181	186	172	193	221	217	231
Weber-Morgan	3,749	3,269	3,130	3,166	3,188	3,211	3,152	3,298	3,271	3,294	3,537	3,803
Morgan	117	90	88	84	95	93	79	89	96	91	93	110
Weber	3,632	3,179	3,042	3,082	3,093	3,118	3,073	3,209	3,175	3,203	3,444	3,693

Table 5. Census of population and intercensal estimates by local health district and county of residence: Utah, April 1, 1980 and 1990 and July 1, 1987-1996

District and county	Year											
	April 1, 1980			April 1, 1990								
	Census	1988	1989	Census	1990	1991	1992	1993	1994	1995	1996	
Total	1,461,037	1,690,000	1,706,000	1,722,850	1,729,000	1,775,000	1,822,000	1,866,000	1,916,000	1,959,000	2,002,362	
Bear River	92,498	106,550	107,450	108,393	108,750	110,700	113,250	116,000	118,650	120,900	123,404	
Box Elder	33,222	36,300	36,500	36,485	36,500	37,100	37,500	38,100	38,500	38,900	39,484	
Cache	57,176	68,500	69,200	70,183	70,500	71,900	74,000	76,100	78,300	80,200	82,098	
Rich	2,100	1,750	1,750	1,725	1,750	1,700	1,750	1,800	1,850	1,800	1,822	
Central Utah	47,087	52,000	52,100	52,294	52,200	53,750	54,850	55,950	58,150	59,250	60,982	
Juab	5,530	5,800	5,900	5,817	5,800	6,000	6,150	6,200	6,800	7,150	7,445	
Millard	8,970	11,300	11,300	11,333	11,300	11,600	11,700	11,700	11,900	11,900	11,958	
Plute	1,329	1,300	1,300	1,277	1,250	1,350	1,350	1,350	1,450	1,400	1,508	
Sanpete	14,620	16,000	16,000	16,259	16,300	16,900	17,500	18,100	18,800	19,200	19,999	
Sevier	14,727	15,400	15,400	15,431	15,400	15,700	16,000	16,400	16,900	17,300	17,683	
Wayne	1,911	2,200	2,200	2,177	2,150	2,200	2,150	2,200	2,300	2,300	2,389	
Davis	146,540	184,000	186,000	187,941	188,000	195,000	201,000	206,000	212,000	216,000	219,644	
Salt Lake	619,066	713,000	720,000	725,956	728,000	747,000	765,000	777,000	792,000	806,000	818,860	
Southeastern	54,124	50,950	50,100	49,801	49,700	50,300	51,050	51,700	53,050	53,650	54,216	
Carbon	22,179	21,100	20,400	20,228	20,200	20,600	20,600	20,700	21,100	21,100	21,420	
Emery	11,451	10,500	10,400	10,332	10,300	10,200	10,200	10,400	10,600	10,700	10,810	
Grand	8,241	6,750	6,700	6,620	6,600	6,800	7,150	7,500	7,950	8,350	8,798	
San Juan	12,253	12,600	12,600	12,621	12,600	12,700	13,100	13,100	13,400	13,500	13,188	
Southwest	55,489	79,100	81,650	83,263	83,900	87,600	91,750	97,150	103,650	110,950	116,866	
Beaver	4,378	4,800	4,800	4,765	4,800	4,850	4,900	5,000	5,150	5,350	5,606	
Garfield	3,673	3,950	4,000	3,980	3,950	4,100	4,100	4,200	4,200	4,300	4,386	
Iron	17,349	20,100	20,400	20,789	20,900	21,500	22,400	23,800	25,200	26,900	28,030	
Kane	4,024	5,250	5,250	5,169	5,150	5,250	5,350	5,450	5,700	5,900	5,956	
Washington	26,065	45,000	47,200	48,560	49,100	51,900	55,000	58,700	63,400	68,500	72,888	
Summit	10,198	14,300	15,100	15,518	15,700	17,000	18,400	19,700	21,100	22,400	23,562	
Tooele	26,033	26,500	26,500	26,601	26,700	27,200	27,800	28,100	29,300	29,600	30,492	
Uintah Basin	33,840	36,500	35,650	35,546	35,500	36,600	37,200	37,500	38,950	38,550	39,110	
Daggett	769	700	650	690	700	700	700	700	750	750	803	
Duchesne	12,565	13,100	12,800	12,645	12,600	12,800	12,900	13,200	13,500	13,500	14,032	
Uintah	20,506	22,700	22,200	22,211	22,200	23,100	23,600	23,600	24,700	24,300	24,275	
Utah County	218,106	255,000	258,000	263,590	266,000	272,000	279,000	291,000	299,000	308,000	317,879	
Wasatch	8,523	9,750	10,000	10,089	10,100	10,700	10,800	11,200	11,800	12,200	12,585	
Weber-Morgan	149,533	162,350	163,450	163,858	164,550	167,650	171,850	175,150	178,350	181,500	184,762	
Morgan	4,917	5,350	5,450	5,528	5,550	5,650	5,850	6,150	6,350	6,500	6,693	
Weber	144,616	157,000	158,000	158,330	159,000	162,000	166,000	169,000	172,000	175,000	178,069	

Source: Utah Population Estimates Committee and Bureau of Economic and Business Research; Table 3: "July 1 Population Estimates for Utah by County and Multi-county District, Selected Years 1940 to 1996"; Utah Economic and Business Review, Vol. 57, Nos. 1

Note: Years not included in the above source are from prior years of the same report series. Before 1995, the Utah Population Estimates Committee rounded its population estimates.

Table 6. Population density by land area (frontier, rural and urban) and county of residence: Utah, 1996

Land area and county	Area in square miles ¹	Estimated population 7/1/1996 ²	Population density per sq mi
Total	82,170	2,002,362	24.4
Frontier ³			
Garfield	5,175	4,386	0.8
Wayne	2,461	2,389	1.0
Daggett	698	803	1.2
Kane	3,992	5,956	1.5
San Juan	7,821	13,188	1.7
Millard	6,590	11,958	1.8
Rich	1,029	1,822	1.8
Piute	758	1,508	2.0
Beaver	2,590	5,606	2.2
Juab	3,392	7,445	2.2
Emery	4,452	10,810	2.4
Grand	3,682	8,798	2.4
Duchesne	3,238	14,032	4.3
Tooele	6,946	30,492	4.4
Uintah	4,477	24,275	5.4
Rural ⁴	21,253	324,442	15.3
Box Elder	5,724	39,484	6.9
Iron	3,299	28,030	8.5
Sevier	1,910	17,683	9.3
Wasatch	1,181	12,585	10.7
Morgan	609	6,693	11.0
Sanpete	1,588	19,999	12.6
Summit	1,871	23,562	12.6
Carbon	1,479	21,420	14.5
Washington	2,427	72,888	30.0
Cache	1,165	82,098	70.5
Urban ⁵	3,616	1,534,452	424.4
Utah County	1,998	317,879	159.1
Weber	576	178,069	309.1
Davis	305	219,644	720.1
Salt Lake	737	818,860	1,111.1

¹Bureau of the Census, "Land Area and Population Density: 1990," 1990 Census of Population and Housing: Summary Population and Housing Characteristics Utah, CPH-1-46, Washington, DC, August 1991.

²Utah Population Estimates Committee and Bureau of Economic and Business Research; Table 1: "July 1 Population Estimates for Utah by County and Multi-County District, selected years 1940 to 1996; Utah Economic and Business Review, Vol. 57, Nos. 1 and 2; U

³Six or fewer persons per square mile.

⁴Six but less than 100 persons per square mile.

⁵One hundred or more persons per square mile.

Table 7. Population, births and deaths by land area of residence: Utah, 1996

Land Areas	Estimated population 7/01/94	Births		Deaths	
		Number	Rate ¹	Number	Rate ¹
Total	2,002,362	42,056	21.0	10,974	5.5
Frontier ²	143,468	2529	17.6	906	6.3
Rural ³	324,442	6,484	20.0	1,932	6.0
Urban ⁴	1,534,452	33,043	21.5	8,136	5.3

¹Rate per 1,000 population.

²Six or fewer persons per square mile.

³Six but less than 100 persons per square mile.

⁴One hundred or more persons per square mile.

Table 8. Infant mortality total, neonatal and postneonatal by land area of residence: Utah, 1996

Land Areas	Total		Neonatal deaths		Postneonatal deaths	
	Number	Rate ¹	Number	Rate ¹	Number	Rate ¹
Total	250	5.9	165	3.9	85	2.0
Frontier ²	21	8.3	8	3.2	13	5.1
Rural ³	42	6.5	25	3.9	17	2.6
Urban ⁴	187	5.7	132	4.0	55	1.7

¹Rate per 1,000 live births.

²Six or fewer persons per square mile.

³Six but less than 100 persons per square mile.

⁴One hundred or more persons per square mile.

*Rates are not computed for fewer than seven events.

Table 9. Fetal deaths, low-weight births, births to unmarried mothers and abortions by land area of residence: Utah, 1996

Land Areas	Fetal deaths		Low birthweight <2,500 grams		Unmarried mothers		Induced abortions	
	Number	Ratio ¹	Number	Rate ¹	Number	Rate ¹	Number	Ratio ¹
Total	242	5.8	2,791	66.4	6,825	162.3	3,293	78.3
Frontier ²	8	3.2	188	74.3	567	224.2	92	36.4
Rural ³	40	6.2	411	63.4	810	124.9	237	36.6
Urban ⁴	194	5.9	2,192	66.3	5,448	164.9	2,964	89.7

¹Rate or ratio per 1,000 births.

²Six or fewer persons per square mile.

³Six but less than 100 persons per square mile.

⁴One hundred or more persons per square mile.

Table 10. Female population, births and fertility rates resident females 15-44 years of age: Utah and the United States, 1970-1996

Year	Utah			U. S. ³			
	Female population ages 15-44 ¹	Live births	Fer-tility rate ²	Percent change	Total	Fer-tility rate	White
1970	231,158	26,969	116.7	--	87.9	--	84.1
1971	241,087	27,552	114.3	-2.0	81.6	-7.2	77.3
1972	250,730	26,911	107.3	-6.1	73.1	-10.4	68.9
1973	260,323	27,978	107.5	0.1	68.8	-5.9	64.9
1974	268,583	29,946	111.5	3.7	67.8	-1.5	64.2
1975	278,826	31,667	113.6	1.9	66.0	-2.7	62.5
1976	289,417	35,310	122.0	7.4	65.0	-1.5	61.5
1977	301,159	37,956	126.0	3.3	66.8	2.8	63.2
1978	313,892	38,811	123.6	-1.9	65.5	-1.9	61.7
1979	327,658	41,078	125.4	1.4	67.2	2.6	63.4
1980	339,799	41,786	123.0	-1.9	68.4	1.8	65.6
1981	351,700	41,286	117.4	-4.5	67.3	-1.6	64.8
1982	361,040	41,537	115.0	-2.0	67.3	0.0	64.8
1983	368,973	39,441	106.9	-7.1	65.7	-2.4	63.4
1984	374,597	38,286	102.2	-4.4	65.5	-0.3	63.2
1985	378,827	37,441	98.8	-3.3	66.3	1.2	64.1
1986	382,834	36,383	95.0	-3.8	65.4	-1.4	63.1
1987	385,698	35,285	91.5	-3.7	65.8	0.6	63.3
1988	387,881	36,040	92.9	1.6	67.3	2.3	64.5
1989	390,989	35,538	90.9	-2.2	69.2	2.8	66.4
1990	394,297	36,253	91.9	1.2	70.9	2.5	68.3
1991	411,089	36,019	87.6	-4.7	69.6	-1.8	67.0
1992	422,222	37,198	88.1	0.6	68.9	-1.0	66.5
1993	434,100	37,077	85.4	-3.1	67.6	-1.9	65.4
1994	448,656	38,271	85.3	-0.1	66.7	-1.3	64.9
1995	460,731	39,556	85.9	0.6	65.6	-1.6	65.6
1996	474,583	42,056	88.6	3.2	65.7	0.2	65.7

¹Economic and Demographic Analysis Section; Internet site: http://www.qget.state.ut.us/projections/Downloads/SYA_Files/; May 9, 1997

²Live births divided by the population of females 15-44 years of age and multiplied by 1,000.

³National Center for Health Statistics; "Births and Deaths: United States, 1996"; Monthly Vital Statistics Report, 46, 1(S)2; Hyattsville, Maryland; September 11, 1997.

Table 11. Gender ratios, number of males per 100 female births residents: Utah and United States, 1960-1996

Year	Birth gender ratio	
	Utah residents	U.S. ¹ residents
1960	105.1	104.9
1961	104.9	105.0
1962	104.2	104.8
1963	102.8	105.3
1964	105.2	104.7
1965	105.7	105.1
1966	105.9	104.9
1967	105.9	105.0
1968	104.9	105.3
1969	105.1	105.3
1970	106.2	105.5
1971	105.0	105.2
1972	103.1	105.1
1973	104.6	105.2
1974	103.6	105.5
1975	104.5	105.4
1976	106.3	105.3
1977	105.6	105.3
1978	105.1	105.3
1979	105.8	105.2
1980	105.5	105.3
1981	105.4	105.2
1982	105.0	105.1
1983	106.3	105.2
1984	106.0	105.0
1985	105.3	105.2
1986	105.3	105.1
1987	104.1	105.0
1988	104.9	105.0
1989	106.7	105.0
1990	105.0	105.0
1991	106.3	104.6
1992	104.7	105.0
1993	107.2	105.0
1994	106.8	104.8
1995	104.1	104.9
1996	107.7	N.A.

¹National Center for Health Statistics: "Advance Report of Final Natality Statistics, 1995;" Monthly Vital Statistics Report, 45, 11(S), p 6; Hyattsville, Maryland; June 10, 1997.

Table 12. Low birthweight percent (less than 2,500 grams¹) by race, residents: Utah and United States 1970-1996

Year	Utah			United States ²			
	Total	White	Black	Other	Total	White	Black
Race of Child³:							
1970	6.5	6.5	12.9	8.3	7.9	6.8	13.9
1971	6.2	6.1	9.4	8.3	7.7	6.6	13.4
1972	6.0	6.0	11.9	7.0	7.7	6.5	13.6
1973	5.5	5.5	14.7	4.8	7.6	6.4	13.3
1974	5.3	5.2	17.9	6.4	7.4	6.3	13.1
1975	5.3	5.3	13.8	5.6	7.4	6.3	13.1
1976	5.4	5.3	14.0	6.1	7.3	9.1	13.0
1977	5.2	5.2	13.3	5.6	7.1	5.9	12.8
1978	5.6	5.6	7.3	5.4	7.1	5.9	12.9
1979	5.6	5.5	11.2	5.9	6.9	5.8	12.6
1980	5.3	5.2	9.6	5.5	6.8	5.7	12.5
1981	5.4	5.4	8.7	5.8	6.8	5.7	11.4
1982	5.6	5.5	11.4	6.8	6.8	5.6	11.2
1983	5.6	5.5	10.3	6.5	6.8	5.7	12.6
1984	5.6	5.4	10.1	8.5	6.7	5.6	12.4
1985	5.7	5.6	10.4	6.0	6.8	5.6	12.4
1986	5.4	5.3	9.3	6.3	6.8	5.6	12.5
1987	5.7	5.6	10.6	7.0	6.9	5.7	12.7
1988	5.7	5.6	11.8	6.9	6.9	5.6	13.0
1989	5.7	5.6	10.8	5.4	7.0	5.7	13.5
Race of Mother³:							
1990	5.7	5.7	12.8	5.6	7.0	5.7	13.3
1991	6.0	6.0	14.0	5.9	7.1	5.8	13.6
1992	5.7	5.6	9.1	6.0	7.1	5.8	13.3
1993	5.9	5.9	9.0	7.4	7.2	6.0	13.3
1994	5.9	5.9	10.1	5.2	7.3	6.1	13.2
1995	6.3	6.2	10.6	7.2	7.3	6.2	13.1
1996	6.6	6.6	11.9	7.1	7.4	6.3	13.0

¹Low birthweight is defined, effective January 1, 1979, as "less than 2,500 grams" (or 5 pounds 8 ounces). This definition was changed in the ninth revision of the International Classification of Disease (ICD-9), 1978. Prior to this change, low birthweight

²Source: National Center for Health Statistics; "Births and Deaths: United States, 1996"; Monthly Vital Statistics Report, 46, 1(S2); National Center for Health Statistics; Hyattsville, Maryland: Public Health Service; September 11, 1997.

³In order to be consistent with the National Center for Health Statistics, in 1990 we began tabulating births primarily by race of mother. Previous years are based on race of child.

Table 13. Births to unmarried mothers by age of woman, residents: Utah, 1970-1996

Year	Total	Year									
		Under			45 and				Un-		
15	15-19	20-24	25-29	30-34	35-39	40-44	Over	Known			
1970	1,208	14	588	441	100	40	20	5	0	7	
1971	1,058	11	500	382	105	38	19	3	0	0	
1972	1,134	23	574	379	83	42	26	5	2	25	
1973	1,215	23	638	381	112	40	15	6	0	1	
1974	1,135	16	564	380	114	40	18	3	0	3	
1975	1,318	32	642	439	136	48	18	3	0	3	
1976	1,492	20	735	479	168	65	21	4	0	1	
1977	1,803	30	880	584	211	73	22	2	1	3	
1978	2,160	28	997	732	274	89	30	9	1	0	
1979	2,315	18	1,061	784	295	116	35	5	1	1	
1980	2,604	28	1,163	894	344	128	42	5	0	1	
1981	2,693	29	1,094	1,005	385	136	36	7	1	1	
1982	2,899	27	1,150	1,046	433	163	70	10	0	0	
1983	2,962	22	1,120	1,077	464	196	68	15	0	0	
1984	2,958	19	1,093	1,056	505	200	70	14	1	0	
1985	3,248	23	1,181	1,186	543	217	89	8	1	11	
1986	3,569	28	1,323	1,306	599	218	86	9	0	0	
1987	3,919	26	1,484	1,313	710	270	100	16	0	0	
1988	4,218	26	1,572	1,428	762	314	96	20	0	0	
1989	4,497	31	1,657	1,544	800	330	112	23	0	5	
1990	4,890	39	1,772	1,673	833	412	128	29	4	20	
1991	5,195	37	1,911	1,845	815	408	149	28	2	1	
1992	5,628	48	2,044	2,007	884	432	181	32	0	3	
1993	5,733	40	2,210	1,961	844	455	176	36	1	10	
1994	6,002	47	2,295	2,075	894	475	178	31	3	4	
1995	6,216	53	2,442	2,071	946	477	194	31	2	0	
1996	6,825	42	2,580	2,331	1,095	502	224	45	1	5	

Table 14. Birth rates to unmarried mothers per 1,000 live births by age of woman, residents: Utah, 1970-1996

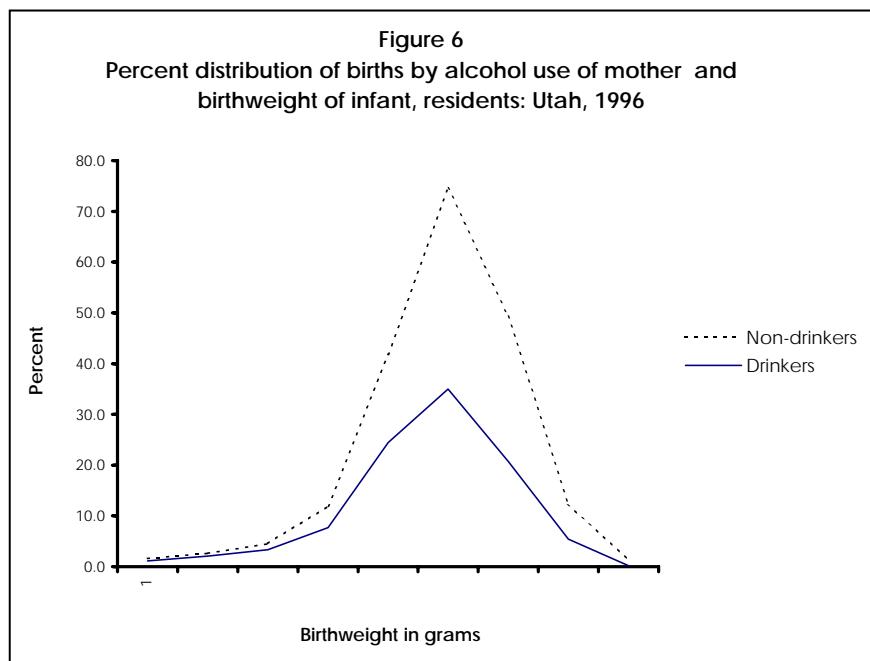
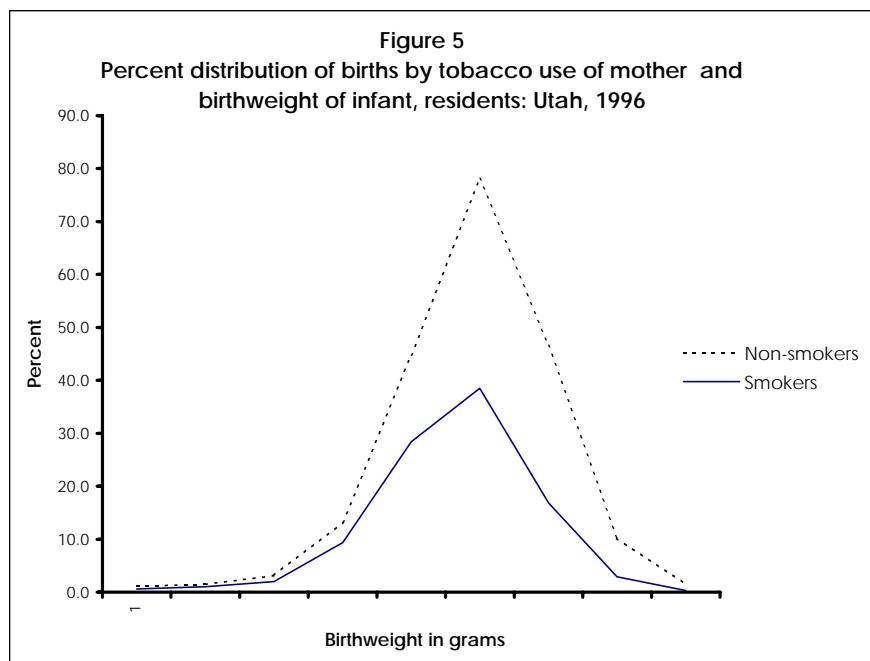
Year	Total	Year					
		Under 15	15-19	20-24	25-29	30-34	35 and over
1970	45.0	736.8	176.3	41.0	13.4	11.4	13.4
1971	38.4	611.1	156.3	34.1	13.9	10.6	11.8
1972	42.2	821.4	164.9	36.2	10.9	12.1	18.2
1973	43.5	766.7	178.4	35.4	13.7	10.8	11.9
1974	38.0	666.7	156.7	32.2	13.0	9.9	12.4
1975	41.7	780.5	171.8	35.9	14.4	11.0	11.6
1976	42.3	689.7	188.4	35.6	15.5	13.0	12.2
1977	47.6	857.1	207.9	40.7	18.4	12.9	11.4
1978	55.7	717.9	227.8	50.8	23.7	14.9	16.5
1979	56.4	642.9	233.5	51.8	23.8	18.3	15.6
1980	62.3	777.8	255.0	57.9	27.6	19.5	17.3
1981	65.3	852.9	249.0	67.2	30.7	20.2	16.7
1982	69.8	843.8	273.0	71.0	33.7	23.8	27.9
1983	75.1	666.7	308.5	80.3	37.1	28.1	28.7
1984	77.3	904.8	330.7	82.6	40.8	29.0	29.5
1985	87.0	884.6	359.4	98.2	44.5	30.9	35.1
1986	98.0	933.3	392.2	114.5	49.7	32.2	34.6
1987	111.1	963.0	448.3	124.2	60.3	39.5	42.0
1988	117.0	866.7	473.4	135.0	63.2	43.9	39.8
1989	126.6	861.1	474.5	145.9	70.1	46.7	45.9
1990	135.4	928.6	481.9	154.6	73.3	56.7	58.7
1991	144.3	840.9	500.0	165.2	75.2	58.8	60.3
1992	151.3	923.1	528.7	174.3	80.3	58.8	63.7
1993	154.6	888.9	560.8	168.3	79.0	61.5	53.0
1994	156.8	979.2	567.5	174.1	79.0	64.1	50.4
1995	157.1	929.8	578.8	167.7	79.6	63.6	64.1
1996	162.3	933.3	582.5	177.1	83.9	66.3	71.7

Table 15. Percent distribution of births by tobacco use of mother (average number of cigarettes per day per trimester) and birthweight of infant, residents: Utah, 1996

Tobacco use by mother	Total	Birthweight in grams									
		Under 1000	1000- 1499	1500- 1999	2000- 2499	2500- 2999	3000- 3499	3500- 3999	4000- 4499	4500 and over	Not stated
Total	100.0	0.5	0.6	1.2	4.3	17.5	39.5	28.4	6.9	1.1	0.0
Yes	100.0	0.6	1.0	2.0	9.4	28.4	38.5	16.9	2.9	0.3	0.0
Number of cigarettes											
None	100.0	0.0	0.9	0.9	7.7	23.9	34.2	23.9	8.5	0.0	0.0
1 to 10	100.0	0.6	1.1	1.8	9.1	27.8	39.2	17.3	2.7	0.4	0.0
11 to 20	100.0	0.8	0.9	2.4	9.7	29.6	38.2	15.5	2.9	0.1	0.0
21 or more	100.0	0.0	1.0	4.9	14.6	35.0	29.1	14.6	1.0	0.0	0.0
Unknown	100.0	0.0	0.0	0.0	5.9	41.2	35.3	17.6	0.0	0.0	0.0
No	100.0	0.5	0.5	1.1	3.8	16.3	39.6	29.6	7.3	1.2	0.0
Unknown	100.0	1.7	0.6	4.6	6.4	20.2	31.2	27.7	6.9	0.6	0.0

T

Alcohol use by mother	Total	Birthweight in grams									
		Under 1000	1000- 1499	1500- 1999	2000- 2499	2500- 2999	3000- 3499	3500- 3999	4000- 4499	4500 and over	Not stated
Total	100.0	0.5	0.6	1.2	4.3	17.5	39.5	28.4	6.9	1.1	0.0
Yes	100.0	1.1	2.1	3.4	7.7	24.4	35.0	20.8	5.4	0.2	0.0
Number of drinks											
One	100.0	1.5	2.5	4.0	7.4	26.2	33.7	19.3	5.4	0.0	0.0
Two	100.0	0.0	1.5	1.5	11.8	23.5	36.8	22.1	2.9	0.0	0.0
Three to four	100.0	2.0	0.0	3.9	7.8	15.7	43.1	25.5	2.0	0.0	0.0
More than four	100.0	10.5	10.5	5.3	15.8	31.6	15.8	5.3	5.3	0.0	0.0
Unknown	100.0	0.3	1.7	3.1	6.3	24.5	35.3	21.7	6.6	0.3	0.0
No	100.0	0.5	0.5	1.2	4.3	17.4	39.6	28.6	6.9	1.1	0.0
Unknown	100.0	1.7	0.6	4.5	6.8	22.2	29.0	27.3	7.4	0.6	0.0



Errata Table 17. Leading causes of death and death rates: United States and Utah, 1996

United States ¹			Utah				
Rank	Cause	ICD Code	Rate per 100,000 population	Rank	Cause	Number	Rate per 100,000 population
	Total		875.4		Total	10,974	548.1
1.	Diseases of heart	390-398,402, 404-429	276.6	1.	Diseases of heart	2,827	141.2
2.	Malignant neoplasms	140-208	205.2	2.	Malignant neoplasms	2,085	104.1
3.	Cerebrovascular diseases	430-438	60.5	3.	Cerebrovascular diseases	849	42.4
4.	Chronic obstructive pulmonary diseases and allied conditions	490-496	40.0	4.	Accidents and adverse effects Motor vehicle accidents All other accidents	587 313 274	29.3 15.6 13.7
5.	Accidents and adverse effects Motor vehicle accidents All other accidents	E800-E949	35.4 16.4 19.0	5.	Pneumonia and influenza	475	23.7
6.	Pneumonia and influenza	480-487	31.1	6.	Chronic obstructive pulmonary diseases and allied conditions	458	22.9
7.	Diabetes mellitus	250	23.2	7.	Diabetes mellitus	420	21.0
8.	Human immunodeficiency virus infection	*042-*044	12.3	8.	Suicide	288	14.4
9.	Suicide	E950-E959	11.6	9.	Congenital anomalies	135	6.7
10.	Chronic liver diseases and cirrhosis	571	9.5	10.	Nephritis, nephrotic syndrome and nephrosis	115	5.7
11.	Nephritis, nephrotic syndrome and nephrosis	580-589	9.2	11.	Certain conditions originating in the perinatal period	92	4.6
12.	Septicemia	38	8.1	12.	Chronic liver diseases and cirrhosis	87	4.3
13.	Alzheimer's disease	331	8.0	13.	Septicemia	86	4.3
14.	Homicide and legal intervention	E960-E978	7.8	14.	Atherosclerosis	74	3.7
15.	Atherosclerosis	440	6.3	15.	Homicide and legal intervention	69	3.4
	... All other causes		130.6		... All other causes	2,327	116.2

¹Source: National Center for Health Statistics; "Births and Deaths: United States, 1996"; *Monthly Vital Statistics Report*, 46, 1(S); Hyattsville, Maryland: Public Health Service; September 11, 1997.

*In 1987 under advice from the National Center for Health Statistics, Utah began to code acquired immunodeficiency syndrome (AIDS) and AIDS related deaths as codes 042-044

Table 18. Deaths by selected causes, residents: Utah, 1980 and 1986-1996

Cause of Death 9th Rev. International Classification of Diseases	ICD Code	Year										
		1980	1986	1987	1988	1989	1990	1991	1992	1993	1994	1995
Total		8,806	8,886	9,055	9,174	9,216	9,083	9,576	9,713	10,393	10,410	10,854
Septicemia	038	31	43	79	79	55	67	90	91	104	94	95
All other infectious and parasitic diseases	001-003,005, 020-032,037, 039-041,046-054,	36	44	35	28	38	53	38	24	28	32	34
Human immunodeficiency virus infection ¹	*042-*044	- -	- -	37	39	43	58	72	72	93	93	99
Malignant neoplasms	140-208	1,379	1,642	1,672	1,700	1,857	1,753	1,959	1,966	2,059	2,082	2,127
Diabetes mellitus	250	170	226	204	217	308	287	323	355	336	338	416
Diseases of heart	390-398,402, 404-429	2,870	2,935	2,947	2,955	2,712	2,708	2,749	2,718	2,901	2,790	2,843
Cerebrovascular diseases	430-438	647	658	676	680	650	682	689	703	738	743	779
Atherosclerosis	440	102	69	72	77	84	77	72	70	103	91	74
Other diseases of arteries, arterioles and capillaries	441-448	75	74	81	82	96	100	100	108	96	116	100
Pneumonia and influenza	480-487	262	357	354	412	353	402	389	420	501	475	481
Chronic obstructive pulmonary diseases and allied conditions	490-496	243	352	382	382	392	364	428	415	411	441	468
Chronic liver disease and cirrhosis	571	101	92	74	78	98	105	83	103	108	87	103
Nephritis, nephrotic syndrome, and nephrosis	580-589	71	80	87	89	93	106	106	116	109	98	95
Congenital anomalies	740-759	143	103	114	121	122	132	96	92	111	121	116
Certain conditions originating in the perinatal period	760-779	195	127	95	81	88	71	61	76	60	79	78
Symptoms, signs, and ill-defined conditions	780-799	133	141	164	144	153	145	171	156	210	224	224
Motor vehicle accidents	E810-E825	347	324	302	302	313	277	259	261	324	353	330
All other accidents and adverse effects	E800-E807, E826-E949	295	232	251	262	234	224	204	213	243	227	239
Suicide	E950-E959	190	241	237	229	212	265	282	262	264	289	283
Homicide and legal intervention	E960-E978	57	58	65	53	54	52	61	53	66	64	75
All other causes		1,459	1,088	1,127	1,164	1,261	1,155	1,344	1,439	1,528	1,573	1,795
												1,840

¹In 1987 under advice from the National Center for Health Statistics, Utah began to code acquired immunodeficiency syndrome (AIDS) and AIDS related deaths as Codes 042-044.

Table 19. Death rates by selected causes, residents: Utah, 1980 and 1986-1996

Cause of Death 9th Rev. International Classification of Diseases	ICD code	Rates ¹ per year											
		1980	1986	1987	1988	1989	1990	1991	1992	1993	1994	1995	1996
Total		597.4	620.9	629.6	635.0	637.5	615.6	639.3	533.1	557.0	543.3	554.1	548.1
Septicemia	038	2.1	2.6	4.7	4.7	3.2	3.9	5.1	5.0	5.6	4.9	4.8	4.3
All other infectious and parasitic diseases	001-003,005, 020-032,037, 039-041,046-054,	2.4	2.6	2.1	1.7	2.2	3.1	2.1	1.3	1.5	1.7	1.7	1.7
Human immunodeficiency virus infection ¹	*042-*044	--	--	2.2	3.0	2.9	3.4	4.1	4.0	5.0	4.9	5.1	3.2
Malignant neoplasms	140-208	93.6	98.7	99.6	100.6	108.9	101.4	110.4	107.9	110.3	108.7	108.6	104.1
Diabetes mellitus	250	11.5	13.6	12.2	12.8	18.1	16.6	18.2	19.5	18.0	17.6	21.2	21.0
Diseases of heart	390-398,402, 404-429	194.7	176.5	175.6	174.9	159.0	156.6	154.9	149.2	155.5	145.6	145.1	141.2
Cerebrovascular diseases	430-438	43.9	39.6	40.3	40.2	38.1	39.4	38.8	38.6	39.5	38.8	39.8	42.4
Atherosclerosis	440	6.9	4.1	4.3	4.6	4.9	4.5	4.1	3.8	5.5	4.7	3.8	3.7
Other diseases of arteries, arterioles and capillaries	441-448	5.1	4.4	4.8	4.9	5.6	5.8	5.6	5.9	5.1	6.1	5.1	6.1
Pneumonia and influenza	480-487	17.8	21.5	21.1	24.4	20.7	23.3	21.9	23.1	26.8	24.8	24.6	23.7
Chronic obstructive pulmonary diseases and allied conditions	490-496	16.5	21.2	22.8	22.6	23.0	21.1	24.1	22.8	22.0	23.0	23.9	22.9
Chronic liver disease and cirrhosis	571	6.9	5.5	4.4	4.6	5.7	6.1	4.7	5.7	5.8	4.5	5.3	4.3
Nephritis, nephrotic syndrome, and nephrosis	580-589	4.8	4.8	5.2	5.3	5.5	6.1	6.0	6.4	5.8	5.1	4.8	5.7
Congenital anomalies	740-759	9.7	6.2	6.8	7.2	7.2	7.6	5.4	5.0	5.9	6.3	5.9	6.7
Certain conditions originating in the perinatal period	760-779	13.2	7.6	5.7	4.8	5.2	4.1	3.4	4.2	3.2	4.1	4.0	4.6
Symptoms, signs, and ill-defined conditions	780-799	9.0	8.5	9.8	8.5	9.0	8.4	9.6	8.6	11.3	11.7	11.4	13.2
Motor vehicle accidents	E810-E825	23.5	19.5	18.0	17.9	18.3	16.0	14.6	14.3	17.4	18.4	16.8	15.6
All other accidents and adverse effects	E800-E807, E826-E949	20.0	14.0	15.0	15.5	13.7	13.0	11.5	11.7	13.0	11.8	12.2	13.7
Suicide	E950-E959	12.9	14.5	14.1	13.6	12.4	15.3	15.9	14.4	14.1	15.1	14.4	14.4
Homicide and legal intervention	E960-E978	3.9	3.5	3.9	3.1	3.2	3.0	3.4	2.9	3.5	3.3	3.8	3.4
All other causes		99.0	65.4	67.2	68.9	73.9	66.8	75.7	79.0	81.9	82.1	91.6	91.9

¹Rate per 100,000. Population source: Utah Population Estimates Committee and Bureau of Economic and Business Research; Table 3: "July 1 Population Estimates for Utah by County and Multi-county District, Selected Years 1940 to 1996"; Utah Economic and Business Review, Vol. 57, Nos. 1 and 2; University of Utah; January/February 1997.

*Note: In 1987 under advice from the National Center for Health Statistics, Utah began to code acquired immunodeficiency syndrome (AIDS) and AIDS related deaths as codes 042-044.

Table 20. Expected years of life and working years of life lost by selected underlying cause of death, residents: Utah, 1996

Cause of Death International Classification of Disease (Ninth Revision)	Expected years of life lost ¹						Working years of life lost ²						
	Total Years		Male ³ Years		Female Years		Total Years		Male ³ Years		Female Years		
	Total Percent	Percent	Years	Percent	Years	Percent	Years	Percent	Years	Percent	Years	Percent	
Total	175,098	100.0	99,389	100.0	75,709	100.0	70,064	100.0	47,083	100.0	22,981	100.0	
Heart disease and stroke	390-398,402, 404-429, 430-438	35,134	20.1	18,623	18.7	16,511	21.8	5,660	8.1	3,828	8.1	1,832	8.0
Malignant neoplasms	140-208	32,574	18.6	15,046	15.1	17,528	23.2	9,269	13.2	4,519	9.6	4,750	20.7
Motor vehicle accidents	E810-E825	13,646	7.8	9,019	9.1	4,627	6.1	9,712	13.9	6,849	14.5	2,863	12.5
Non-motor vehicle accidents	E800-E807, E826-E949	7,856	4.5	6,146	6.2	1,710	2.3	5,077	7.2	4,283	9.1	794	3.5
Pneumonia and influenza	480-487	4,403	2.5	2,253	2.3	2,150	2.8	1,102	1.6	702	1.5	400	1.7
Conditions originating in the perinatal period and SIDS	760-779,798.0	8,366	4.8	5,284	5.3	3,082	4.1	5,600	8.0	3,650	7.8	1,950	8.5
Suicide	E950-E959	11,043	6.3	8,914	9.0	2,129	2.8	7,877	11.2	6,535	13.9	1,342	5.8
Diabetes mellitus	250	5,617	3.2	2,584	2.6	3,033	4.0	1,332	1.9	813	1.7	519	2.3
Congenital anomalies	740-759	8,253	4.7	4,561	4.6	3,692	4.9	5,390	7.7	3,149	6.7	2,241	9.8
Chronic liver disease and cirrhosis	571	1,803	1.0	1,065	1.1	738	1.0	728	1.0	515	1.1	213	0.9
Chronic obstructive pulmonar disease	490-496	5,096	2.9	2,620	2.6	2,476	3.3	691	1.0	319	0.7	372	1.6
All other causes		41,308	23.6	23,274	23.4	18,034	23.8	17,626	25.2	11,921	25.3	5,705	24.8

¹Years of life lost is computed from the decennial life table 1979-1981 for Utah.

²Working years are defined as ages 15 to 65. Working years of life lost are calculated by computing the number of years between age at time of death and age 65 with no accounting for years before age 15. For example, if a person dies at age 5 working years of life lost would be 50 years.

³Sex not stated is included in male.

Note: Ages not stated are not included.

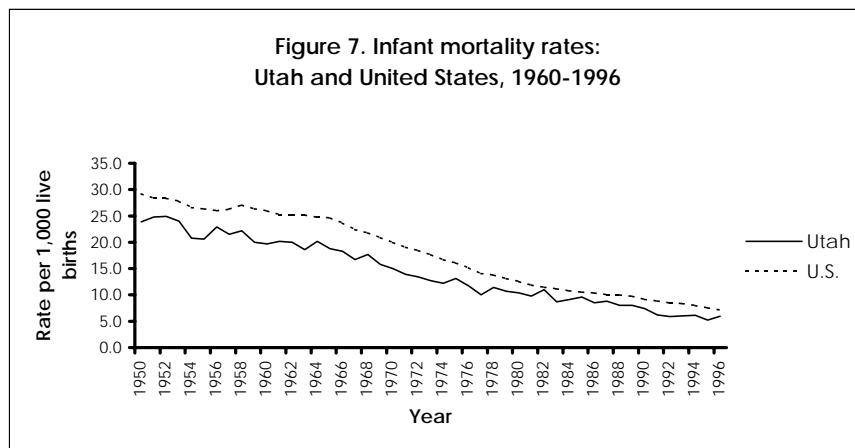


Table 21: Infant mortality rates by age at death, residents: Utah, 1960-1996

Year	Total Infant mortality rate ¹	Infant mortality rate ¹ at age of death			
		Under 1 day	1-6 days	1-4 weeks	1-11 months
1960	19.7	6.8	6.7	1.0	5.2
1961	20.2	7.7	6.2	1.1	5.2
1962	20.0	6.6	6.3	1.3	5.8
1963	18.6	6.8	4.9	1.2	5.7
1964	20.2	7.8	5.7	1.2	5.5
1965	18.8	7.4	5.2	0.9	5.3
1966	18.3	8.2	5.8	1.0	3.3
1967	16.7	6.8	4.5	1.2	4.2
1968	17.7	7.3	5.0	1.0	4.4
1969	15.8	6.0	4.3	1.2	4.3
1970	15.0	5.6	4.5	1.0	3.9
1971	13.9	5.2	4.2	1.3	3.2
1972	13.4	4.6	3.8	1.4	3.5
1973	12.7	4.2	3.5	1.3	3.7
1974	12.2	4.4	3.0	1.6	3.2
1975	13.1	3.7	4.3	1.4	3.9
1976	11.7	4.0	2.7	1.2	3.8
1977	10.0	3.4	2.3	1.0	3.3
1978	11.4	4.0	2.6	1.2	3.6
1979	10.7	3.1	2.4	1.3	4.0
1980	10.4	3.1	2.2	1.3	3.8
1981	9.8	3.2	1.5	1.1	3.9
1982	11.0	4.0	1.8	0.9	4.2
1983	8.7	3.2	1.2	0.9	3.4
1984	9.1	3.3	1.1	1.1	3.6
1985	9.6	2.9	1.2	1.3	4.2
1986	8.5	2.5	1.4	1.2	3.5
1987	8.8	2.4	1.0	0.8	4.6
1988	8.0	2.0	0.7	1.0	4.2
1989	8.0	2.5	0.9	1.1	3.6
1990	7.4	1.8	0.9	1.1	3.6
1991	6.2	1.9	0.6	0.6	3.1
1992	5.9	2.0	0.8	0.8	2.4
1993	6.0	1.7	0.7	0.6	3.0
1994	6.1	2.0	0.8	0.5	2.8
1995	5.2	1.5	0.9	0.7	2.1
1996	5.9	1.0	0.8	1.0	2.0

¹Rate per 1,000 births.

Table 22. Deaths by local health district and county of residence: Utah, 1980 and 1986-1996

District and county	Year											
	1980	1986	1987	1988	1989	1990	1991	1992	1993	1994	1995	1996
Total	8,103	8,886	9,055	9,185	9,223	9,125	9,576	9,713	10,393	10,410	10,854	10,974
Bear River	498	548	576	559	551	561	581	579	628	665	627	596
Box Elder	191	229	225	230	227	208	213	221	253	270	250	236
Cache	293	304	343	317	316	340	361	346	361	383	371	351
Rich	14	15	8	12	8	13	7	12	14	12	6	9
Central Utah	398	416	427	401	424	424	435	406	470	468	473	489
Juab	49	35	61	39	59	43	58	56	55	77	51	51
Millard	75	92	80	76	70	89	80	59	98	89	91	102
Piute	19	19	15	14	18	12	17	11	12	22	12	14
Sanpete	123	141	136	132	126	125	147	137	151	130	143	153
Sevier	113	114	118	122	129	137	111	126	140	133	145	149
Wayne	19	15	17	18	22	18	22	17	14	17	31	20
Davis	531	657	668	657	697	667	730	755	782	817	828	858
Salt Lake	3,594	3,792	3,930	3,980	3,979	3,847	4,089	4,077	4,395	4,417	4,583	4,736
Southeastern	374	344	328	323	346	347	338	385	348	351	392	324
Carbon	193	166	137	158	178	158	151	189	174	158	203	164
Emery	68	66	69	59	70	65	59	62	39	67	72	54
Grand	56	47	55	47	36	54	59	76	56	56	53	53
San Juan	57	65	67	59	62	70	69	58	79	70	64	53
Southwest	384	510	492	566	557	605	668	656	744	751	776	824
Beaver	40	43	46	39	52	47	48	53	56	55	48	45
Garfield	38	27	39	36	28	32	53	35	32	22	31	32
Iron	101	111	91	130	98	107	120	114	141	133	149	144
Kane	32	32	40	31	26	42	40	49	31	44	43	58
Washington	173	297	276	330	353	377	407	405	484	497	505	545
Summit	48	54	65	51	44	58	61	78	79	58	71	82
Tooele	146	146	152	151	183	147	140	165	166	175	184	164
Uintah Basin	204	216	213	224	178	193	207	220	207	229	245	251
Daggett	2	3	1	6	2	4	7	3	2	7	3	3
Duchesne	85	72	86	89	64	65	79	89	78	80	95	101
Uintah	117	141	126	129	112	124	121	128	127	142	147	147
Utah County	961	1,084	1,066	1,074	1,084	1,104	1,165	1,162	1,242	1,277	1,367	1,369
Wasatch	64	74	65	70	69	63	59	72	64	63	87	77
Weber-Morgan	901	1,045	1,073	1,129	1,111	1,109	1,103	1,158	1,268	1,139	1,221	1,204
Morgan	27	17	30	34	34	34	36	25	39	26	32	31
Weber	874	1,028	1,043	1,095	1,077	1,075	1,067	1,133	1,229	1,113	1,189	1,173

Table 23. Deaths and percent of deaths by selected causes, Spanish and Non-spanish origin, residents: Utah, 1996

Cause of Death (9thRev)	ICD Codes	Spanish origin		Non-Spanish origin	
		Number	Percent	Number	Percent
Total		385	100.0	10974	100.0
Tuberculosis	010-018	0	0.0	1	0.0
Septicemia	038	3	0.8	86	0.8
Viral Hepatitis	070	1	0.3	19	0.2
All other infectious and parasitic diseases	001-003,005,020-032, 037,039-041,*042-*044, 046-054,056-066, 071-088,098-139	9	2.3	99	0.9
Malignant Neoplasms	140-208	64	16.6	2085	19.0
Benign neoplasms, carcinoma in situ, and neoplasms of uncertain behavior and of unspecified nature	210-239	0	0.0	50	0.5
Diabetes mellitus	250	24	6.2	420	3.8
Nutritional deficiencies	260-269	0	0.0	26	0.2
Anemias	280-285	0	0.0	18	0.2
Diseases of heart	390-398,402,404-429	49	12.7	2827	25.8
Cerebrovascular diseases	430-438	20	5.2	849	7.7
Atherosclerosis	440	1	0.3	74	0.7
Other diseases of arteries, arterioles and capillaries	441-448	3	0.8	123	1.1
Pneumonia and influenza	480-487	9	2.3	475	4.3
Chronic obstructive pulmonary diseases and allied conditions	490-496	11	2.9	458	4.2
Ulcer of stomach and duodenum	531-533	0	0.0	29	0.3
Chronic liver disease and cirrhosis	571	13	3.4	87	0.8
Nephritis, Nephrotic Syndrome, and nephrosis	580-589	3	0.8	115	1.0
Congenital anomalies	740-759	13	3.4	135	1.2
Certain conditions originating in the perinatal period	760-779	10	2.6	92	0.8
Symptoms, signs, and ill-defined conditions	780-799	14	3.6	265	2.4
Motor vehicle accidents	E810-E825	25	6.5	313	2.9
All other accidents and adverse effects	E800-E807,E826-E949	18	4.7	274	2.5
Suicide	E950-E959	19	4.9	288	2.6
Homicide and legal intervention	E960-E978	21	5.5	69	0.6
Residual	E980-E999	55	14.3	1697	15.5

Table 24. Deaths and percent of deaths by age, Spanish and Non-spanish origin, residents: Utah, 1996

Age at death	Spanish		Non Spanish	
	Number	Percent	Number	Percent
Total all ages	385	100.0	10,974	100.0
Under 1	34	8.8	250	2.3
1-4	10	2.6	47	0.4
5-14	6	1.6	78	0.7
15-24	36	9.4	298	2.7
25-34	45	11.7	317	2.9
35-44	28	7.3	506	4.6
45-54	28	7.3	591	5.4
55-64	47	12.2	959	8.7
65-74	53	13.8	1941	17.7
75 and over	98	25.5	5985	54.5
Unknown	0	0.0	2	0.0

Table 25. Deaths and death rates from injuries by type of violence, residents: Utah, 1994-1996 and United States, 1994-1996

Type of violence	Utah				U.S. ¹	
	Number 1996	Number 1995	Rate ² 1996	Rate ² 1995	Rate ² 1996	Rate ² 1995
Total	1,063	1,014	53.1	51.8	56.0	57.4
Accidents	587	569	29.3	29.0	35.4	35.5
Motor vehicle	E810-E825	313	330	15.6	16.8	16.4
Non-motor vehicle	E800-E807, E826-E949	274	239	13.7	12.2	19.0
Suicide	E950-E959	288	283	14.4	14.4	11.6
Homicide and legal intervention	E960-E978	69	75	3.4	3.8	7.8
Injury, undetermined whether accident or purposely inflicted ³	E980-E989	119	87	5.9	4.4	1.2
						1.3

¹U.S. Source: National Center for Health Statistics; "Births and Deaths, 1996"; Monthly Vital Statistics Report, Vol. 46, No. 1, p. 25; Hyattsville, MD; September 11, 1997

²Rate per 100,000 population.

³U.S. Rates "injury, undetermined whether accident or purposely inflicted include ICD codes E990-E999.

Table 26. Deaths due to suicide by age, gender and year, residents: Utah, 1977-1996

Year and gender	Total	Age									75 and over
		Under 15	15-19	20-24	25-34	35-44	45-54	55-64	65-74		
1977 Total	180	2	17	25	35	29	28	24	14	6	
Male	147	2	17	23	29	23	21	14	12	6	
Female	33	0	0	2	6	6	7	10	2	0	
1978 Total	167	2	12	27	30	27	20	25	17	7	
Male	134	2	9	26	25	19	16	19	12	6	
Female	33	0	3	1	5	8	4	6	5	1	
1979 Total	179	1	15	28	46	33	15	16	16	9	
Male	148	0	12	25	38	25	13	12	16	7	
Female	31	1	3	3	8	8	2	4	0	2	
1980 Total	190	0	11	29	45	31	29	19	14	12	
Male	137	0	5	20	39	22	19	12	10	10	
Female	53	0	6	9	6	9	10	7	4	2	
1981 Total	196	3	17	26	41	34	29	26	16	4	
Male	160	3	14	22	35	26	21	20	15	4	
Female	36	0	3	4	6	8	8	6	1	0	
1982 Total	203	1	15	28	59	27	22	28	14	9	
Male	167	1	11	24	53	21	13	25	11	8	
Female	36	0	4	4	6	6	9	3	3	1	
1983 Total ¹	212	2	15	25	60	38	27	20	11	13	
Male	171	2	12	21	49	30	18	19	6	13	
Female	41	0	3	4	11	8	9	1	5	0	
1984 Total	225	1	17	32	61	36	29	22	17	10	
Male	180	1	14	23	50	25	22	19	16	10	
Female	45	0	3	9	11	11	7	3	1	0	
1985 Total	216	3	25	19	66	29	28	17	13	16	
Male	167	2	20	15	50	18	22	15	11	14	
Female	49	1	5	4	16	11	6	2	2	2	
1986 Total	241	2	24	29	54	45	31	25	18	13	
Male	192	1	22	27	36	35	26	18	14	13	
Female	49	1	2	2	18	10	5	7	4	0	
1987 Total	237	7	23	28	46	51	26	22	19	15	
Male	190	7	18	21	40	41	20	17	13	13	
Female	47	0	5	7	6	10	6	5	6	2	
1988 Total ¹	229	6	27	21	51	38	32	23	16	14	
Male	173	4	21	19	42	26	18	19	11	12	
Female	56	2	6	2	9	12	14	4	5	2	
1989 Total	212	5	18	20	33	35	27	28	25	21	
Male	167	5	16	16	23	30	18	22	21	16	
Female	45	0	2	4	10	5	9	6	4	5	
1990 Total	265	6	31	39	50	52	30	23	10	24	
Male	224	4	29	33	45	32	28	21	9	23	
Female	41	2	2	6	5	20	2	2	1	1	
1991 Total	282	4	24	40	55	68	28	22	22	19	
Male	229	2	22	35	46	52	18	17	18	19	
Female	53	2	2	5	9	16	10	5	4	0	
1992 Total	262	9	34	30	59	46	34	17	16	17	
Male	223	8	31	28	50	36	25	14	14	17	
Female	39	1	3	2	9	10	9	3	2	0	
1993 Total	264	2	35	28	58	63	28	25	15	10	
Male	220	2	31	25	46	52	24	21	12	7	
Female	44	0	4	3	12	11	4	4	3	3	
1994 Total	289	7	34	34	64	59	32	18	23	18	
Male	236	6	32	31	53	51	23	10	15	15	
Female	53	1	2	3	11	8	9	8	8	3	
1995 Total	283	9	35	37	56	67	40	17	9	13	
Male	228	8	32	32	45	51	30	14	6	10	
Female	55	1	3	5	11	16	10	3	3	3	
1996 Total	288	4	36	30	66	63	36	14	20	19	
Male	238	3	28	26	61	51	24	9	18	18	
Female	50	1	8	4	5	12	12	5	2	1	

¹Age is unknown for one male in 1983 and one male in 1988. These are included in the totals, but are not distributed.

1996 Reference Tables:
Births and Deaths

Table A1. Births by health district, county of occurrence, gender, attendant and hospital delivery: Utah, 1996

District and county	Gender			Attended by			
	Total	Male	Female	Physician	Midwife	Certified nurse midwife	
Total	42,943	22,238	20,705	38,593	415	2,728	41,871
Bear River	2,741	1,404	1,337	2,668	18	50	2,719
Box Elder	551	310	241	544	6	0	544
Cache	2,190	1,094	1,096	2,124	12	50	2,175
Rich	0	0	0	0	0	0	0
Central Utah	747	399	348	645	13	0	731
Juab	89	43	46	82	7	0	82
Millard	151	82	69	150	1	0	150
Piute	0	0	0	0	0	0	0
Sanpete	287	156	131	281	4	0	281
Sevier	219	117	102	132	1	0	217
Wayne	1	1	0	0	0	0	1
Davis	2,696	1,391	1,305	2,065	11	520	2,678
Salt Lake	19,362	9,995	9,367	17,744	163	1,148	18,964
Southeastern	694	340	354	459	3	38	549
Carbon	399	192	207	259	0	0	393
Emery	3	1	2	0	2	0	0
Grand	93	45	48	2	1	38	90
San Juan	199	102	97	198	0	0	66
Southwest	2,672	1,442	1,230	2,335	96	206	2,344
Beaver	134	73	61	128	4	0	128
Garfield	38	17	21	28	0	0	38
Iron	509	284	225	489	11	0	488
Kane	48	26	22	44	3	0	44
Washington	1,943	1,042	901	1,646	78	206	1,646
Summit	3	0	3	0	3	0	0
Tooele	60	33	27	13	1	36	57
Uintah Basin	634	317	317	551	2	79	621
Daggett	0	0	0	0	0	0	0
Duchesne	372	191	181	291	2	79	360
Uintah	262	126	136	260	0	0	261
Utah County	8,537	4,461	4,076	7,465	90	531	8,433
Wasatch	113	51	62	109	4	0	109
Weber-Morgan	4,684	2,405	2,279	4,539	11	120	4,666
Morgan	0	0	0	0	0	0	0
Weber	4,684	2,405	2,279	4,539	11	120	4,666

Table A2. Births by health district, county of residence of mother, gender, number born and birth order: Utah, 1996

District and county	Gender		Single and multiple		Birth order							Sixth and higher	Not stated
	Total	Male	Female	Single	Multiple	First	Second	Third	Fourth	Fifth			
Total	42,056	21,805	20,251	40,991	1,065	15,785	11,804	7,200	3,864	1,810	1,590	3	
Bear River	2,782	1,449	1,333	2,709	73	1,089	755	445	273	126	94	0	
Box Elder	734	405	329	711	23	240	185	141	89	41	38	0	
Cache	2,020	1,028	992	1,970	50	844	561	300	178	82	55	0	
Rich	28	16	12	28	0	5	9	4	6	3	1	0	
Central Utah	1,007	511	496	986	21	302	255	188	111	69	82	0	
Juab	155	71	84	153	2	42	46	24	14	16	13	0	
Millard	176	85	91	172	4	37	38	46	32	7	16	0	
Piute	19	14	5	19	0	8	4	4	2	1	0	0	
Sanpete	330	173	157	321	9	115	76	54	34	24	27	0	
Sevier	284	151	133	278	6	87	86	50	25	15	21	0	
Wayne	43	17	26	43	0	13	5	10	4	6	5	0	
Davis	4,317	2,227	2,090	4,187	130	1,432	1,272	791	455	209	158	0	
Salt Lake	16,663	8,589	8,074	16,246	417	6,594	4,814	2,786	1,360	590	517	2	
Southeastern	879	437	442	853	26	296	237	148	93	49	56	0	
Carbon	303	144	159	294	9	115	95	47	23	8	15	0	
Emery	185	92	93	178	7	50	46	35	26	18	10	0	
Grand	120	57	63	118	2	43	35	23	9	6	4	0	
San Juan	271	144	127	263	8	88	61	43	35	17	27	0	
Southwest	2,360	1,288	1,072	2,298	62	788	648	407	247	134	135	1	
Beaver	110	65	45	108	2	33	37	17	7	7	9	0	
Garfield	70	33	37	68	2	17	23	12	8	4	6	0	
Iron	618	339	279	604	14	253	177	94	55	21	18	0	
Kane	82	50	32	78	4	24	29	8	13	3	5	0	
Washington	1,480	801	679	1,440	40	461	382	276	164	99	97	1	
Summit	374	183	191	352	22	138	129	55	35	12	5	0	
Tooele	610	304	306	600	10	234	185	102	40	28	21	0	
Uintah Basin	660	337	323	650	10	219	189	126	69	20	37	0	
Daggett	5	2	3	5	0	3	0	1	0	0	1	0	
Duchesne	253	127	126	253	0	88	69	53	22	8	13	0	
Uintah	402	208	194	392	10	128	120	72	47	12	23	0	
Utah County	8,370	4,385	3,985	8,202	168	3,184	2,130	1,417	837	413	389	0	
Wasatch	231	123	108	223	8	61	57	64	21	15	13	0	
Weber-Morgan	3,803	1,972	1,831	3,685	118	1,448	1,133	671	323	145	83	0	
Morgan	110	54	56	104	6	31	31	20	16	6	6	0	
Weber	3,693	1,918	1,775	3,581	112	1,417	1,102	651	307	139	77	0	

Table A3. Births by health district, county of residence of mother and month of occurrence: Utah, 1996

District and County	Total	Month of occurrence											
		Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
Total	42,056	3,199	3,119	3,534	3,561	3,766	3,600	3,894	3,601	3,556	3,589	3,296	3,341
Bear River	2,782	228	215	262	226	249	238	247	225	230	226	222	214
Box Elder	734	51	60	67	55	79	52	71	64	58	63	56	58
Cache	2,020	176	154	193	170	167	184	170	159	168	162	163	154
Rich	28	1	1	2	1	3	2	6	2	4	1	3	2
Central Utah	1,007	66	73	81	89	83	75	94	87	95	91	84	89
Juab	155	7	10	12	14	11	9	18	20	17	14	12	11
Millard	176	13	10	10	17	15	18	13	11	18	18	14	19
Piute	19	1	1	0	2	0	0	0	3	4	3	4	1
Sanpete	330	21	28	29	25	40	26	22	24	28	30	31	26
Sevier	284	21	20	23	26	14	20	36	26	22	23	23	30
Wayne	43	3	4	7	5	3	2	5	3	6	3	0	2
Davis	4,317	347	314	352	358	384	388	360	378	367	385	363	321
Salt Lake	16,663	1,267	1,215	1,428	1,403	1,495	1,363	1,578	1,453	1,460	1,398	1,326	1,277
Southeastern	879	71	71	57	69	83	65	79	95	85	76	59	69
Carbon	303	23	26	20	26	25	23	29	30	25	23	27	26
Emery	185	13	20	12	12	17	14	12	16	22	19	10	18
Grand	120	11	10	12	7	14	5	16	8	10	16	3	8
San Juan	271	24	15	13	24	27	23	22	41	28	18	19	17
Southwest	2,360	163	165	191	196	244	206	238	176	189	212	176	204
Beaver	110	4	9	8	11	14	11	8	8	10	11	6	10
Garfield	70	4	4	3	5	9	4	10	5	5	6	8	7
Iron	618	41	35	54	44	75	56	62	44	51	49	56	51
Kane	82	9	5	7	5	9	8	12	4	10	3	4	6
Washington	1,480	105	112	119	131	137	127	146	115	113	143	102	130
Summit	374	36	29	40	22	36	27	39	29	30	29	25	32
Tooele	610	41	49	46	59	52	49	56	56	46	51	60	45
Uintah Basin	660	59	47	60	51	58	42	56	69	57	49	49	63
Daggett	5	1	1	0	1	0	0	0	0	0	0	0	2
Duchesne	253	19	16	24	17	25	17	16	25	21	18	30	25
Uintah	402	39	30	36	33	33	25	40	44	36	31	19	36
Utah County	8,370	631	669	682	759	738	748	780	680	666	693	642	682
Wasatch	231	21	14	20	18	18	23	28	17	17	20	17	18
Weber-Morgan	3,803	269	258	315	311	326	376	339	336	314	359	273	327
Morgan	110	5	6	9	12	5	14	5	14	6	14	11	9
Weber	3,693	264	252	306	299	321	362	334	322	308	345	262	318

Table A4. Births by health district, county of residence and age of mother: Utah, 1996

District and county	Total	Age											
		Under 15		15 to 19			45 and over						
		Total	15	Total	15-17	18-19	20-24	25-29	30-34	35-39	40-44	Not stated	
Total	42,056	45	4,429	1,460	2,969		13,163	13,058	7,569	3,160	591	13	28
Bear River	2,782	3	246	77	169	1,001	887	422	180	42	0	1	
Box Elder	734	1	96	30	66	220	218	123	64	12	0	0	
Cache	2,020	2	150	47	103	773	658	293	114	29	0	1	
Rich	28	0	0	0	0	8	11	6	2	1	0	0	
Central Utah	1,007	1	157	60	97	326	273	161	73	15	0	1	
Juab	155	0	15	8	7	57	48	28	6	1	0	0	
Millard	176	0	28	9	19	49	49	36	13	1	0	0	
Piute	19	0	4	1	3	8	4	3	0	0	0	0	
Sanpete	330	0	51	16	35	116	86	52	18	6	0	1	
Sevier	284	1	55	24	31	88	73	35	28	4	0	0	
Wayne	43	0	4	2	2	8	13	7	8	3	0	0	
Davis	4,317	3	386	133	253	1,183	1,429	906	354	52	4	0	
Salt Lake	16,663	17	1,792	608	1,184	4,783	5,166	3,233	1,414	247	7	4	
Southeastern	879	1	154	50	104	289	216	130	70	14	0	5	
Carbon	303	0	56	22	34	97	85	46	12	2	0	5	
Emery	185	1	30	8	22	62	45	29	14	4	0	0	
Grand	120	0	19	2	17	43	27	9	20	2	0	0	
San Juan	271	0	49	18	31	87	59	46	24	6	0	0	
Southwest	2,360	3	241	63	178	827	712	376	168	28	1	4	
Beaver	110	0	13	5	8	51	23	12	8	3	0	0	
Garfield	70	0	5	1	4	19	24	18	2	2	0	0	
Iron	618	1	66	14	52	255	186	71	31	6	0	2	
Kane	82	0	7	3	4	29	22	18	4	2	0	0	
Washington	1,480	2	150	40	110	473	457	257	123	15	1	2	
Summit	374	0	21	8	13	68	99	102	68	16	0	0	
Tooele	610	0	98	39	59	217	170	84	33	8	0	0	
Uintah Basin	660	2	114	38	76	232	160	97	32	12	1	10	
Daggett	5	0	1	0	1	2	0	1	1	0	0	0	
Duchesne	253	1	45	16	29	91	55	34	13	5	1	8	
Uintah	402	1	68	22	46	139	105	62	18	7	0	2	
Utah County	8,370	3	662	189	473	2,908	2,733	1,416	534	113	0	1	
Wasatch	231	0	26	10	16	56	68	48	27	6	0	0	
Weber-Morgan	3,803	12	532	185	347	1,273	1,145	594	207	38	0	2	
Weber	110	0	6	1	5	38	25	36	5	0	0	0	
	3,693	12	526	184	342	1,235	1,120	558	202	38	0	2	

**Table A5. Births by health district, county of residence and race of mother:
Utah, 1996**

District and county	Total	Race of mother				
		White	Black	Native American	Other races	Not stated
Total	42,056	39,633	320	619	1,265	219
Bear River	2,782	2,695	12	22	48	5
Box Elder	734	723	2	3	6	0
Cache	2,020	1,944	10	19	42	5
Rich	28	28	0	0	0	0
Central Utah	1,007	976	2	12	13	4
Juab	155	150	1	0	2	2
Millard	176	171	0	1	4	0
Piute	19	18	0	0	0	1
Sanpete	330	320	0	4	6	0
Sevier	284	274	1	7	1	1
Wayne	43	43	0	0	0	0
Davis	4,317	4,141	44	18	109	5
Salt Lake	16,663	15,402	187	173	816	85
Southeastern	879	697	5	171	5	1
Carbon	303	291	4	4	3	1
Emery	185	183	0	2	0	0
Grand	120	116	1	2	1	0
San Juan	271	107	0	163	1	0
Southwest	2,360	2,276	4	51	28	1
Beaver	110	109	0	0	1	0
Garfield	70	65	0	3	2	0
Iron	618	591	1	20	6	0
Kane	82	80	0	1	1	0
Washington	1,480	1,431	3	27	18	1
Summit	374	362	2	0	8	2
Tooele	610	594	6	6	2	2
Uintah Basin	660	591	0	64	4	1
Daggett	5	5	0	0	0	0
Duchesne	253	240	0	13	0	0
Uintah	402	346	0	51	4	1
Utah County	8,370	8,033	15	47	176	99
Wasatch	231	224	1	2	2	2
Weber-Morgan	3,803	3,642	42	53	54	12
Morgan	110	108	0	0	2	0
Weber	3,693	3,534	42	53	52	12

Table A6. Births by health district, county of residence of mother and birthweight of infant: Utah, 1996

District and county	Total	Birthweight in grams									
		Under 1000	1000-1499	1500-1999	2000-2499	2500-2999	3000-3499	3500-3999	4000-4499	4500 and over	Unknown
Total	42,056	221	238	511	1,821	7,351	16,595	11,959	2,886	456	18
Bear River	2,782	9	12	34	111	456	1,084	819	218	38	1
Box Elder	734	2	5	9	32	129	272	215	57	12	1
Cache	2,020	6	7	25	79	323	799	596	160	25	0
Rich	28	1	0	0	0	4	13	8	1	1	0
Central Utah	1,007	8	7	15	43	183	391	297	56	7	0
Juab	155	0	0	2	5	31	64	42	10	1	0
Millard	176	0	1	2	8	38	65	55	6	1	0
Piute	19	0	0	0	2	2	6	7	2	0	0
Sanpete	330	1	4	8	11	54	126	100	21	5	0
Sevier	284	7	1	2	15	50	109	87	13	0	0
Wayne	43	0	1	1	2	8	21	6	4	0	0
Davis	4,317	15	25	48	185	822	1,768	1,194	232	28	0
Salt Lake	16,663	103	103	219	764	2,835	6,554	4,691	1,192	192	10
Southeastern	879	3	10	12	53	178	359	208	47	7	2
Carbon	303	2	7	4	16	61	129	65	15	3	1
Emery	185	1	2	2	15	38	74	38	12	2	1
Grand	120	0	0	4	7	21	54	29	5	0	0
San Juan	271	0	1	2	15	58	102	76	15	2	0
Southwest	2,360	14	10	27	75	379	902	731	188	32	2
Beaver	110	1	0	0	4	21	47	30	6	1	0
Garfield	70	0	0	1	3	16	28	15	6	1	0
Iron	618	4	3	7	24	115	231	188	39	6	1
Kane	82	1	1	2	3	12	24	28	9	2	0
Washington	1,480	8	6	17	41	215	572	470	128	22	1
Summit	374	4	2	4	22	91	147	90	13	1	0
Tooele	610	0	4	8	40	118	230	163	37	10	0
Uintah Basin	660	3	5	8	30	120	298	157	33	6	0
Daggett	5	0	0	0	1	1	2	0	0	0	0
Duchesne	253	0	2	1	12	45	100	70	20	3	0
Uintah	402	3	3	7	17	74	197	85	13	3	0
Utah County	8,370	34	34	81	293	1,292	3,221	2,624	674	114	3
Wasatch	231	1	4	3	11	31	99	67	12	3	0
Weber-Morgan	3,803	27	22	52	194	846	1,542	918	184	18	0
Morgan	110	0	0	0	7	24	46	27	6	0	0
Weber	3,693	27	22	52	187	822	1,496	891	178	18	0

Table A7. Births by month prenatal care began by number of prenatal visits, residents: Utah, 1996

Month care began	Total	Number of prenatal visits							28 and over	Not stated
		None	1-5	6-9	10-14	15-18	19-27			
Total	42,056	190	2,695	12,306	24,241	1,974	303	11	336	
None	200	189	0	0	0	1	0	0	10	
1	3,951	0	48	569	2,868	364	85	4	13	
2	20,969	0	366	4,743	14,463	1,196	160	6	35	
3	10,092	0	385	3,799	5,496	340	52	0	20	
4	2,885	0	326	1,506	993	50	4	0	6	
5	1,528	0	352	883	277	11	2	0	3	
6	963	0	378	491	86	6	0	0	2	
7	648	0	374	245	26	2	0	0	1	
8	394	0	323	53	17	1	0	0	0	
9	143	0	130	3	5	2	0	1	2	
Not stated	283	1	13	14	10	1	0	0	244	

Table A8. Births by health district, county of residence of mother and month prenatal care began: Utah, 1996

District and county	Total	Month prenatal care began										Not stated
		None	1	2	3	4	5	6	7	8	9	
Total	42,056	200	3,951	20,969	10,092	2,885	1,528	963	648	394	143	283
Bear River	2,782	6	206	1,504	766	144	78	32	25	13	6	2
Box Elder	734	3	70	382	160	47	29	14	14	9	4	2
Cache	2,020	3	132	1,109	599	93	49	18	11	4	2	0
Rich	28	0	4	13	7	4	0	0	0	0	0	0
Central Utah	1,007	8	84	458	248	109	47	28	18	4	1	2
Juab	155	0	17	74	31	21	8	1	1	1	0	1
Millard	176	0	15	92	39	19	6	4	0	0	1	0
Piute	19	0	0	5	6	4	0	1	3	0	0	0
Sanpete	330	3	30	163	84	31	8	6	3	1	0	1
Sevier	284	4	20	103	73	33	23	16	10	2	0	0
Wayne	43	1	2	21	15	1	2	0	1	0	0	0
Davis	4,317	13	390	2,245	1,095	258	128	71	62	29	9	17
Salt Lake	16,663	122	1,334	8,080	4,152	1,194	678	445	295	184	67	112
Southeastern	879	5	135	363	161	74	50	37	23	11	6	14
Carbon	303	1	61	139	43	21	17	10	6	3	2	0
Emery	185	0	23	87	40	11	7	5	5	3	0	4
Grand	120	0	33	51	17	10	5	4	0	0	0	0
San Juan	271	4	18	86	61	32	21	18	12	5	4	10
Southwest	2,360	14	109	1,322	450	182	110	68	48	26	14	17
Beaver	110	0	7	50	25	9	4	5	3	1	3	3
Garfield	70	0	5	27	16	9	8	4	0	0	1	0
Iron	618	2	57	384	106	34	17	7	6	1	2	2
Kane	82	0	6	26	22	14	3	6	3	2	0	0
Washington	1,480	12	34	835	281	116	78	46	36	22	8	12
Summit	374	1	34	195	92	14	19	6	8	4	1	0
Tooele	610	5	36	295	150	61	19	12	15	8	3	6
Uintah Basin	660	3	78	299	147	62	30	16	13	8	2	2
Daggett	5	0	0	1	2	1	0	0	0	0	1	0
Duchesne	253	1	40	111	49	24	11	7	4	3	1	2
Uintah	402	2	38	187	96	37	19	9	9	5	0	0
Utah County	8,370	10	1,012	4,334	1,976	519	194	130	69	62	13	51
Wasatch	231	1	27	116	47	21	6	3	4	3	1	2
Weber-Morgan	3,803	12	506	1,758	808	247	169	115	68	42	20	58
Morgan	110	0	12	54	28	5	4	5	1	0	0	1
Weber	3,693	12	494	1,704	780	242	165	110	67	42	20	57

Table A9. Births by health district, county of residence of mother and number of prenatal visits: Utah, 1996

District and county	Total	Number of prenatal visits							
		None	1-5	6-9	10-14	15-18	19-27	28 and over	Not stated
Total	42,056	190	2,695	12,306	24,241	1,974	303	11	336
Bear River	2,782	5	70	392	2,124	167	17	2	5
Box Elder	734	3	34	162	495	35	1	1	3
Cache	2,020	2	34	225	1,610	130	16	1	2
Rich	28	0	2	5	19	2	0	0	0
Central Utah	1,007	6	74	338	533	44	7	0	5
Juab	155	0	11	51	89	3	0	0	1
Millard	176	0	5	40	112	19	0	0	0
Piute	19	0	2	14	1	2	0	0	0
Sanpete	330	2	20	91	199	11	5	0	2
Sevier	284	3	33	126	110	8	2	0	2
Wayne	43	1	3	16	22	1	0	0	0
Davis	4,317	13	144	1,306	2,534	274	30	0	16
Salt Lake	16,663	119	1,292	4,641	9,454	886	143	5	123
Southeastern	879	5	102	278	447	25	1	1	20
Carbon	303	1	28	99	160	9	1	0	5
Emery	185	0	23	55	102	2	0	0	3
Grand	120	0	4	28	82	6	0	0	0
San Juan	271	4	47	96	103	8	0	1	12
Southwest	2,360	14	229	988	1,012	71	22	1	23
Beaver	110	0	14	39	46	5	2	0	4
Garfield	70	0	5	12	42	6	5	0	0
Iron	618	2	32	161	387	24	9	1	2
Kane	82	0	9	34	35	3	0	0	1
Washington	1,480	12	169	742	502	33	6	0	16
Summit	374	1	29	112	202	28	2	0	0
Tooele	610	5	38	219	308	25	7	0	8
Uintah Basin	660	3	45	258	316	30	7	0	1
Daggett	5	0	1	2	2	0	0	0	0
Duchesne	253	1	17	105	116	8	5	0	1
Uintah	402	2	27	151	198	22	2	0	0
Utah County	8,370	8	302	2,276	5,463	213	37	1	70
Wasatch	231	1	14	53	138	18	4	0	3
Weber-Morgan	3,803	10	356	1,445	1,710	193	26	1	62
Morgan	110	0	6	48	51	4	0	0	1
Weber	3,693	10	350	1,397	1,659	189	26	1	61

Table A10. Births by race of mother, birth order of infant and age of mother, residents: Utah, 1996

Race of mother and birth order of infant	Total	Age of mother										45 and over	Not stated
		Under 15	15 to 19	Total	15-17	18-19	20-24	25-29	30-34	35-39	40-44		
All races	42,056	45	4,429	1,460	2,969	13,163	13,058	7,569	3,160	591	13	28	
First	15,788	45	3,666	1,339	2,327	6,921	3,649	1,057	368	73	0	9	
Second	11,804	0	684	116	568	4,408	4,383	1,694	536	89	0	10	
Third	7,200	0	73	4	69	1,468	3,150	1,864	577	65	1	2	
Fourth	3,864	0	6	1	5	291	1,318	1,599	568	72	5	5	
Fifth	1,810	0	0	0	0	59	387	821	474	67	2	0	
Sixth or more	1,590	0	0	0	0	16	171	534	637	225	5	2	
White	39,633	34	4,141	1,362	2,779	12,469	12,334	7,112	2,956	549	11	27	
First	14,830	34	3,442	1,257	2,185	6,601	3,388	962	329	65	0	9	
Second	11,135	0	625	100	525	4,176	4,182	1,582	480	81	0	9	
Third	6,834	0	68	4	64	1,367	3,016	1,776	544	60	1	2	
Fourth	3,668	0	6	1	5	261	1,249	1,534	542	66	5	5	
Fifth	1,702	0	0	0	0	51	354	771	461	63	2	0	
Sixth or more	1,464	0	0	0	0	13	145	487	600	214	3	2	
Black	320	3	60	20	40	118	88	31	15	5	0	0	
First	137	3	48	18	30	48	29	5	3	1	0	0	
Second	87	0	9	2	7	42	21	10	5	0	0	0	
Third	49	0	3	0	3	16	21	6	2	1	0	0	
Fourth	29	0	0	0	0	11	10	7	0	1	0	0	
Fifth	8	0	0	0	0	1	4	2	1	0	0	0	
Sixth or more	10	0	0	0	0	0	3	1	4	2	0	0	
Native American	619	4	113	42	71	221	138	97	38	7	0	1	
First	210	4	82	35	47	84	30	8	2	0	0	0	
Second	157	0	29	7	22	84	27	11	4	1	0	1	
Third	102	0	2	0	2	36	36	21	6	1	0	0	
Fourth	68	0	0	0	0	13	22	20	11	2	0	0	
Fifth	38	0	0	0	0	3	11	20	3	1	0	0	
Sixth or more	44	0	0	0	0	1	12	17	12	2	0	0	
Other races	1,265	4	95	29	66	310	422	278	129	26	1	0	
First	536	4	79	25	54	168	178	72	31	4	0	0	
Second	362	0	16	4	12	86	127	81	45	7	0	0	
Third	182	0	0	0	0	44	63	52	20	3	0	0	
Fourth	78	0	0	0	0	6	30	28	11	3	0	0	
Fifth	46	0	0	0	0	4	13	20	6	3	0	0	
Sixth or more	61	0	0	0	0	2	11	25	16	6	1	0	
Not stated	219	0	20	7	13	45	76	51	22	4	1	0	
First	75	0	15	4	11	20	24	10	3	3	0	0	
Second	63	0	5	3	2	20	26	10	2	0	0	0	
Third	33	0	0	0	0	5	14	9	5	0	0	0	
Fourth	21	0	0	0	0	0	7	10	4	0	0	0	
Fifth	16	0	0	0	0	0	5	8	3	0	0	0	
Sixth or more	11	0	0	0	0	0	0	4	5	1	1	0	

Table A12. Births by race and age of mother and number of prenatal visits, residents: Utah, 1996

Mother's race and age	Total	Number of prenatal visits						
		None	1-5	6-9	10-14	15-18	19-27	28 and over
Total	42,056	190	2,695	12,306	24,241	1,974	303	11
Under 15	45	1	11	11	19	1	0	0
Total 15-19	4,429	50	471	1,484	2,151	205	26	0
15-17	1,460	25	182	499	662	71	4	0
18-19	2,969	25	289	985	1,489	134	22	0
20-24	13,163	48	860	3,668	7,718	644	116	5
25-29	13,058	38	696	3,653	7,838	634	92	3
30-34	7,569	32	419	2,342	4,372	316	45	1
35-39	3,160	17	192	959	1,796	145	18	2
40-44	591	4	42	175	327	28	6	0
45 and over	13	0	3	4	5	0	0	1
Not stated	28	0	1	10	15	1	0	1
White	39,633	156	2,321	11,515	23,155	1,883	289	10
Under 15	34	0	8	8	15	1	0	0
Total 15-19	4,141	41	419	1,377	2,046	195	24	0
15-17	1,362	20	156	468	629	68	4	0
18-19	2,779	21	263	909	1,417	127	20	0
20-24	12,469	39	743	3,461	7,396	616	110	5
25-29	12,334	31	597	3,409	7,499	614	89	3
30-34	7,112	28	347	2,185	4,176	293	44	1
35-39	2,956	14	166	897	1,698	137	17	1
40-44	549	3	38	165	305	26	5	0
45 and over	11	0	2	4	5	0	0	0
Not stated	27	0	1	9	15	1	0	1
Black	320	3	52	104	142	12	4	0
Total 15-19	60	3	9	20	25	3	0	0
15-17	20	1	5	5	9	0	0	0
18-19	40	2	4	15	16	3	0	0
20-24	118	0	28	36	46	4	3	0
25-29	88	0	9	28	47	3	0	0
30-34	31	0	2	14	12	2	1	0
35-39	15	0	3	3	8	0	0	1
40-44	5	0	0	2	3	0	0	0
45 and over	0	0	0	0	0	0	0	0
Not stated	0	0	0	0	0	0	0	0
Native	619	14	133	207	223	23	5	1
Under 15	4	0	1	2	1	0	0	0
Total 15-19	113	4	23	37	41	6	0	0
15-17	42	3	9	12	15	3	0	0
18-19	71	1	14	25	26	3	0	2
20-24	221	4	42	71	91	9	1	0
25-29	138	3	29	54	41	3	2	0
30-34	97	3	24	32	33	5	0	0
35-39	38	0	13	9	12	0	1	1
40-44	7	0	1	1	4	0	1	0
45 and over	0	0	0	0	0	0	0	0
Not stated	1	0	0	1	0	0	0	0
Other races	1,265	12	176	388	624	52	5	0
Under 15	4	1	1	0	2	0	0	0
Total 15-19	95	2	17	44	29	1	2	0
15-17	29	1	10	11	7	0	0	0
18-19	66	1	7	33	22	1	2	0
20-24	310	5	44	82	163	13	2	0
25-29	422	1	57	128	219	14	1	0
30-34	278	1	45	87	127	15	0	3
35-39	129	2	9	40	70	7	0	0
40-44	26	0	2	7	14	2	0	1
45 and over	1	0	1	0	0	0	0	0
Not stated	0	0	0	0	0	0	0	0
Not stated	219	5	13	92	97	4	0	0
Under 15	0	0	0	0	0	0	0	0
Total 15-19	20	0	3	6	10	0	0	1
15-17	7	0	2	3	2	0	0	0
18-19	13	0	1	3	8	0	0	1
20-24	45	0	3	18	22	2	0	0
25-29	76	3	4	34	32	0	0	3
30-34	51	0	1	24	24	1	0	1
35-39	22	1	1	10	8	1	0	0
40-44	4	1	1	0	1	0	0	1
45 and over	1	0	0	0	0	0	0	1
Not stated	0	0	0	0	0	0	0	0

Table A13. Births by race of mother, gender and birthweight of infant, residents: Utah, 1996

Race of mother and sex of infant	Total	Birthweight in grams									
		Under 1000	1000- 1499	1500- 1999	2000- 2499	2500- 2999	3000- 3499	3500- 3999	4000- 4499	4500 and over	Un- known
Total	42,056	221	238	511	1,821	7,351	16,595	11,959	2,886	456	18
Male	21,805	129	118	270	857	3,261	8,120	6,885	1,857	296	12
Female	20,251	92	120	241	964	4,090	8,475	5,074	1,029	160	6
White	39,633	197	218	482	1,707	6,793	15,670	11,380	2,748	423	15
Male	20,515	110	108	252	805	3,005	7,647	6,530	1,773	275	10
Female	19,118	87	110	230	902	3,788	8,023	4,850	975	148	5
Black	320	9	3	6	20	103	117	52	8	2	0
Male	151	7	2	4	6	42	55	27	7	1	0
Female	169	2	1	2	14	61	62	25	1	1	0
Native American	619	6	7	9	26	96	235	187	43	10	0
Male	355	5	5	6	18	46	124	115	29	7	0
Female	264	1	2	3	8	50	111	72	14	3	0
Other race	1,265	7	8	10	57	311	492	286	75	18	1
Male	676	6	3	7	25	152	252	179	42	10	0
Female	589	1	5	3	32	159	240	107	33	8	1
Not stated	219	2	2	4	11	48	81	54	12	3	2
Male	108	1	0	1	3	16	42	34	6	3	2
Female	111	1	2	3	8	32	39	20	6	0	0

Table A14. Births by gestation period and birthweight of infant, residents: Utah, 1996

Gestation period in weeks	Total	Birthweight in grams									
		Under 1000	1000- 1499	1500- 1999	2000- 2499	2500- 2999	3000- 3499	3500- 3999	4000- 4499	4500 and over	Un- known
Total	42,056	221	238	511	1,821	7,351	16,595	11,959	2,886	456	18
Under 20	8	6	0	0	0	0	0	2	0	0	0
20-27	201	162	25	1	5	2	5	1	0	0	0
28-35	2,163	48	200	403	649	494	241	100	28	0	0
36	1,653	1	3	46	336	689	439	121	17	1	0
37	3,436	1	3	23	298	1,205	1,325	488	78	13	2
38	7,992	1	0	17	238	1,819	3,596	1,943	328	48	2
39	11,491	0	0	9	155	1,622	5,088	3,742	774	101	0
40	9,734	2	5	6	84	1,000	3,917	3,562	996	157	5
41	3,692	0	1	0	31	352	1,318	1,420	476	93	1
42	968	0	1	2	10	84	394	337	117	22	1
43	397	0	0	3	7	49	146	141	40	11	0
44	146	0	0	0	2	17	59	50	14	4	0
45 and over	162	0	0	1	6	18	64	50	17	6	0
Not stated	13	0	0	0	0	0	3	2	1	0	7

Table A15. Births by number of previous births, age and education of mother, residents: Utah, 1996

Previous births and age of mother	Total	Education of mother			
		Less than high school	High school graduate	One or more years college	Not stated
Total	42,056	6,041	13,734	21,988	293
Under 20	4,474	2,537	1,689	227	21
20-29	26,221	2,792	9,215	14,039	175
30 and over	11,333	709	2,819	7,709	96
Not stated	28	3	11	13	1
No previous births					
Total	15,785	2,789	4,998	7,912	86
Under 20	3,710	2,057	1,433	204	16
20-29	10,569	677	3,271	6,565	56
30 and over	1,497	53	289	1,141	14
Not stated	9	2	5	2	0
One previous birth					
Total	11,804	1,440	4,139	6,141	84
Under 20	684	417	240	22	5
20-29	8,791	926	3,308	4,494	63
30 and over	2,319	96	589	1,619	15
Not stated	10	1	2	6	1
Two previous births					
Total	7,200	963	2,422	3,769	46
Under 20	73	59	13	1	0
20-29	4,618	723	1,782	2,080	33
30 and over	2,507	181	626	1,687	13
Not stated	2	0	1	1	0
Three previous births					
Total	3,864	444	1,176	2,206	38
Under 20	6	3	3	0	0
20-29	1,609	281	623	689	16
30 and over	2,244	160	549	1,513	22
Not stated	5	0	1	4	0
Four and over previous births					
Total	3,400	402	999	1,960	39
Under 20	0	0	0	0	0
20-29	633	184	231	211	7
30 and over	2,765	218	766	1,749	32
Not stated	2	0	2	0	0
Not stated					
Total	3	3	0	0	0
Under 20	1	1	0	0	0
20-29	1	1	0	0	0
30 and over	1	1	0	0	0
Not stated	0	0	0	0	0

Table A16. Births by age and education of parents, residents: Utah, 1996

Age of parent	Education of parents											
	Total		Less than high school		High school graduate		One or more years of college		Not stated			
	Father	Mother	Father	Mother	Father	Mother	Father	Mother	Father	Mother	Father	Mother
Total	42,056	42,056	3,612	6,041	11,287	13,734	22,890	21,988	4,267	293		
Under 15	1	45	1	44	0	0	0	0	0	0	0	1
15	6	154	6	154	0	0	0	0	0	0	0	0
16	51	474	46	466	0	4	0	1	5	3		
17	135	832	112	717	20	105	0	4	3	6		
18	441	1,332	203	669	214	630	13	29	11	4		
19	718	1,637	234	487	402	950	65	193	17	7		
20-24	8,037	13,163	1,085	1,836	3,407	5,359	3,440	5,874	105	94		
25-29	12,936	13,058	960	956	3,531	3,856	8,282	8,165	163	81		
30-34	9,072	7,569	535	487	2,131	1,949	6,294	5,076	112	57		
35-39	4,661	3,160	256	185	1,088	746	3,255	2,195	62	34		
40-44	1,521	591	74	35	321	123	1,104	428	22	5		
45 and over	575	13	46	2	115	1	398	10	16	0		
Not stated	3,902	28	54	3	58	11	39	13	3,751	1		

T

Age of parents	Education of parents											
	Total		Less than high school		High school graduate		One or more years of college		Not stated			
	Father	Mother	Father	Mother	Father	Mother	Father	Mother	Father	Mother	Father	Mother
Total	6,825	6,825	1,048	3,035	1,602	2,700	458	1,035	3,717	55		
Under 15	1	42	1	41	0	0	0	0	0	0	0	1
15	6	138	6	138	0	0	0	0	0	0	0	0
16	40	372	35	369	0	1	0	0	5	2		
17	74	550	62	488	11	58	0	2	1	2		
18	215	786	116	425	89	347	1	13	9	1		
19	274	734	100	270	147	405	16	55	11	4		
20-24	1,144	2,331	343	768	618	1,107	139	437	44	19		
25-29	749	1,095	197	330	367	479	138	271	47	15		
30-34	360	502	83	144	189	187	72	167	16	4		
35-39	172	224	44	55	83	93	35	71	10	5		
40-44	74	45	11	7	31	19	25	18	7	1		
45 and over	46	1	7	0	18	0	16	1	5	0		
Not stated	3,670	5	43	0	49	4	16	0	3,562	1		

Table A18. Births to unmarried mothers by health district, county of residence and age of mother: Utah, 1996

District and county	Total	Age of mother											
		Under 15		15 to 19			20-24			30-34			
		Total	15	Total	15-17	18-19	20-24	25-29	30-34	35-39	40-44	Not stated	
Total	6,825	42	2,580	1,060	1,520		2,331	1,095	502	224	45	1	5
Bear River	291	3	125	51	74		93	44	17	6	3	0	0
Box Elder	115	1	56	19	37		30	15	12	0	1	0	0
Cache	175	2	69	32	37		63	29	5	5	2	0	0
Rich	1	0	0	0	0		0	0	0	1	0	0	0
Central Utah	148	1	65	31	34		54	14	6	8	0	0	0
Juab	12	0	5	3	2		4	2	0	1	0	0	0
Millard	24	0	12	7	5		8	3	1	0	0	0	0
Piute	5	0	1	0	1		4	0	0	0	0	0	0
Sanpete	47	0	23	9	14		16	4	3	1	0	0	0
Sevier	55	1	24	12	12		21	4	1	4	0	0	0
Wayne	5	0	0	0	0		1	1	1	2	0	0	0
Davis	511	3	200	96	104		192	73	26	16	1	0	0
Salt Lake	3,351	17	1,214	497	717		1,120	567	284	123	23	1	2
Southeastern	264	1	94	37	57		90	44	19	13	3	0	0
Carbon	76	0	36	18	18		22	9	8	1	0	0	0
Emery	31	1	13	5	8		9	4	2	2	0	0	0
Grand	37	0	12	0	12		15	7	2	0	1	0	0
San Juan	120	0	33	14	19		44	24	7	10	2	0	0
Southwest	311	2	92	32	60		109	59	30	15	3	0	1
Beaver	10	0	5	2	3		5	0	0	0	0	0	0
Garfield	12	0	2	1	1		5	3	1	1	0	0	0
Iron	69	1	24	8	16		18	13	4	7	2	0	0
Kane	13	0	2	1	1		6	3	2	0	0	0	0
Washington	207	1	59	20	39		75	40	23	7	1	0	1
Summit	31	0	8	2	6		11	7	3	2	0	0	0
Tooele	141	0	51	26	25		54	24	8	2	2	0	0
Uintah Basin	156	1	57	22	35		56	25	11	3	1	0	2
Daggett	1	0	1	0	1		0	0	0	0	0	0	0
Duchesne	65	1	23	10	13		24	9	5	1	0	0	2
Uintah	90	0	33	12	21		32	16	6	2	1	0	0
Utah County	733	3	306	110	196		263	104	43	10	4	0	0
Wasatch	24	0	12	5	7		7	2	0	2	1	0	0
Weber-Morgan	864	11	356	151	205		282	132	55	24	4	0	0
Morgan	11	0	3	1	2		5	1	2	0	0	0	0
Weber	853	11	353	150	203		277	131	53	24	4	0	0

Table A19. Births by marital status of mother, race and age of mother, residents: Utah, 1996

Marital status and race of mother	Total	Age of mother											
		Under 15		15 to 19			45 and over						Not stated
		Total	15	Total	15-17	18-19	20-24	25-29	30-34	35-39	40-44		
Total	42056	45	4429	1,460	2,969	13,163	13058	7,569	3,160	591	13	28	
White	39633	34	4141	1,362	2,779	12,469	12334	7,112	2,956	549	11	27	
Black	320	3	60	20	40	118	88	31	15	5	0	0	
Native American	619	4	113	42	71	221	138	97	38	7	0	1	
Other race	1265	4	95	29	66	310	422	278	129	26	1	0	
Not stated	219	0	20	7	13	45	76	51	22	4	1	0	
Mother married	35231	3	1849	400	1,449	10,832	11963	7,067	2,936	546	12	23	
White	33582	2	1782	388	1,394	10,414	11395	6,675	2,766	516	10	22	
Black	166	0	12	3	9	60	59	21	11	3	0	0	
Native American	257	1	19	5	14	86	71	60	18	1	0	1	
Other race	1051	0	30	3	27	236	374	262	124	24	1	0	
Not stated	175	0	6	1	5	36	64	49	17	2	1	0	
Mother unmarried	6825	42	2580	1,060	1,520	2,331	1095	502	224	45	1	5	
White	6051	32	2359	974	1,385	2,055	939	437	190	33	1	5	
Black	154	3	48	17	31	58	29	10	4	2	0	0	
Native American	362	3	94	37	57	135	67	37	20	6	0	0	
Other race	214	4	65	26	39	74	48	16	5	2	0	0	
Not stated	44	0	14	6	8	9	12	2	5	2	0	0	

Table A20. Births by age of mother and birthweight of infant, Residents: Utah, 1996

Age of mother	Total	Birthweight in grams										
		Under 1000	1000- 1499	1500- 1999	2000- 2499	2500- 2999	3000- 3499	3500- 3999	4000- 4499	4500 and over	Un- known	
Total	42,056	221	238	511	1,821	7,351	16,595	11959	2,886	456		18
Under 15	45	1	1	1	3	14	20	4	1	0		0
Total 15-19	4,429	32	30	64	250	1,001	1,884	974	170	23		1
15-17	1,460	16	12	24	83	349	631	287	51	7		0
18-19	2,969	16	18	40	167	652	1,253	687	119	16		1
20-24	13,163	72	87	179	579	2,483	5,351	3523	794	92		3
25-29	13,058	60	58	127	546	2,120	5,191	3898	917	135		6
30-34	7,569	35	38	79	282	1,157	2,819	2395	647	112		5
35-39	3,160	15	15	46	133	477	1,112	993	292	76		1
40-44	591	5	9	15	28	92	203	160	61	16		2
45 and over	13	0	0	0	0	2	4	5	1	1		0
Not stated	28	1	0	0	0	5	11	7	3	1		0

Table A21. Births by birthweight of infant and tobacco use of mother (trimester of first use of cigarettes), residents: Utah, 1996

Birthweight in grams	Total	Tobacco use of mother						Un- known	Un- known
		Yes	1st	2nd	3rd	Un- known	No		
Total	42,056	3,956	3,778	75	99	4	37,927	173	
Under 1000	221	25	24	1	0	0	193	3	
1000-1499	238	40	38	0	2	0	197	1	
1500-1999	511	80	75	2	3	0	423	8	
2000-2499	1,821	370	356	3	10	1	1,440	11	
2500-2999	7,351	1,125	1,078	18	26	3	6,191	35	
3000-3499	16,595	1,522	1,452	34	36	0	15,019	54	
3500-3999	11,959	668	637	12	19	0	11,243	48	
4000-4499	2,886	114	106	5	3	0	2,760	12	
4500 and over	456	11	11	0	0	0	444	1	
Not stated	18	1	1	0	0	0	17	0	

Table A22. Births by birthweight of infant and alcohol use of mother (trimester of first use), residents: Utah, 1996

Birthweight in grams	Total	Alcohol use of mother						Un- known	Un- known
		Yes	1st	2nd	3rd	Un- known	No		
Total	42,056	626	511	63	50	2	41,254	176	
Under 1000	221	7	6	1	0	0	211	3	
1000-1499	238	13	12	1	0	0	224	1	
1500-1999	511	21	16	2	3	0	482	8	
2000-2499	1,821	48	41	7	0	0	1,761	12	
2500-2999	7,351	153	127	17	8	1	7,159	39	
3000-3499	16,595	219	179	19	20	1	16,325	51	
3500-3999	11,959	130	100	13	17	0	11,781	48	
4000-4499	2,886	34	29	3	2	0	2,839	13	
4500 and over	456	1	1	0	0	0	454	1	
Not stated	18	0	0	0	0	0	18	0	

Table A23. Births by five-minute apgar score and birthweight of infant, residents: Utah, 1996

Five minute apgar score	Total	Birthweight in grams											Un- known
		Under 1000	1000- 1499	1500- 1999	2000- 2499	2500- 2999	3000- 3499	3500- 3999	4000- 4499	4500 and over			
Total	42,056	221	238	511	1,821	7,351	16,595	11,959	2,886	456	18		
0	23	14	2	0	0	2	3	2	0	0	0	0	
1	49	30	2	4	4	3	4	1	1	0	0	0	
2	32	7	5	2	6	4	3	4	1	0	0	0	
3	35	3	1	2	4	7	11	6	0	1	0	0	
4	58	11	5	1	6	9	14	8	1	3	0	0	
5	127	10	12	13	14	21	29	21	4	2	1		
6	277	26	18	22	36	43	60	58	11	3	0		
7	853	47	48	68	93	155	235	148	45	14	0		
8	3,845	45	66	134	357	767	1,270	931	229	45	1		
9	34,649	23	75	252	1,250	5,970	14,118	10,127	2,464	368	2		
10	1,975	0	3	11	44	349	810	620	123	15	0		
Unknown	133	5	1	2	7	21	38	33	7	5	14		

Table A24. Births to mothers of Spanish origin by health district, county of residence and age of mother, residents: Utah, 1996

District and county	Total	Age of mother										
		Under 15		15 to 19			45 and over					
		Total	15	Total	15-17	18-19	20-24	25-29	30-34	35-39	40-44	Not stated
Total	3,937	15	760	324	436	1,295	1,058	566	203	38	0	2
Bear River	210	1	36	13	23	68	56	32	12	5	0	0
Box Elder	64	1	10	3	7	24	13	10	4	2	0	0
Cache	146	0	26	10	16	44	43	22	8	3	0	0
Rich	0	0	0	0	0	0	0	0	0	0	0	0
Central Utah	71	0	13	4	9	22	25	7	4	0	0	0
Juab	6	0	0	0	0	3	1	1	1	0	0	0
Millard	19	0	4	1	3	4	8	2	1	0	0	0
Piute	1	0	1	1	0	0	0	0	0	0	0	0
Sanpete	34	0	4	0	4	12	12	4	2	0	0	0
Sevier	9	0	4	2	2	3	2	0	0	0	0	0
Wayne	2	0	0	0	0	0	2	0	0	0	0	0
Davis	195	0	37	17	20	60	51	35	11	1	0	0
Salt Lake	1,953	4	379	165	214	642	530	272	109	16	0	1
Southeastern	72	0	25	9	16	24	12	7	3	1	0	0
Carbon	41	0	19	9	10	10	7	4	0	1	0	0
Emery	17	0	4	0	4	6	4	2	1	0	0	0
Grand	6	0	2	0	2	3	0	0	1	0	0	0
San Juan	8	0	0	0	0	5	1	1	1	0	0	0
Southwest	106	1	17	5	12	43	29	10	4	2	0	0
Beaver	10	0	0	0	0	5	3	1	1	0	0	0
Garfield	3	0	0	0	0	2	1	0	0	0	0	0
Iron	21	0	1	0	1	8	7	2	1	2	0	0
Kane	0	0	0	0	0	0	0	0	0	0	0	0
Washington	72	1	16	5	11	28	18	7	2	0	0	0
Summit	36	0	6	2	4	14	12	3	1	0	0	0
Tooele	110	0	25	12	13	38	25	16	5	1	0	0
Uintah Basin	31	0	7	4	3	8	11	3	0	1	0	1
Daggett	0	0	0	0	0	0	0	0	0	0	0	0
Duchesne	8	0	1	1	0	2	2	2	0	0	0	1
Uintah	23	0	6	3	3	6	9	1	0	1	0	0
Utah County	550	0	69	28	41	169	168	115	21	8	0	0
Wasatch	8	0	3	0	3	3	1	1	0	0	0	0
Weber-Morgan	595	9	143	65	78	204	138	65	33	3	0	0
Morgan	3	0	2	1	1	1	0	0	0	0	0	0
Weber	592	9	141	64	77	203	138	65	33	3	0	0

Table A-25. Births to mothers of Spanish origin by race and age of mother and number of prenatal visits, residents: Utah, 1996

Mother's race and age	Total	Number of prenatal visits							Not stated
		None	1-5	6-9	10-14	15-18	19-27	28 and over	
Total	3,937	51	713	1,334	1,619	144	18	1	57
Under 15	15	0	4	4	6	0	0	0	1
Total 15 to 19	760	19	166	289	246	25	4	0	11
15-17	324	9	70	124	105	9	2	0	5
18-19	436	10	96	165	141	16	2	0	6
20-24	1,295	14	257	444	503	52	8	1	16
25-29	1,058	10	172	340	480	36	3	0	17
30-34	566	4	79	187	264	24	1	0	7
35-39	203	3	30	59	99	6	2	0	4
40-44	38	1	5	9	21	1	0	0	1
45 and over	0	0	0	0	0	0	0	0	0
Not stated	2	0	0	2	0	0	0	0	0
White	3,787	48	691	1,285	1,551	138	18	1	55
Under 15	15	0	4	4	6	0	0	0	1
Total 15 to 19	728	17	160	278	233	25	4	0	11
15-17	309	7	67	121	98	9	2	0	5
18-19	419	10	93	157	135	16	2	0	6
20-24	1,248	14	251	427	482	50	8	1	15
25-29	1,020	10	165	329	460	36	3	0	17
30-34	545	3	77	182	255	20	1	0	7
35-39	194	3	29	57	94	6	2	0	3
40-44	36	1	5	7	21	1	0	0	1
45 and over	0	0	0	0	0	0	0	0	0
Not stated	1	0	0	1	0	0	0	0	0
Black	72	0	13	25	32	1	0	0	1
Under 15	0	0	0	0	0	0	0	0	0
Total 15 to 19	14	0	3	5	6	0	0	0	0
15-17	6	0	1	1	4	0	0	0	0
18-19	8	0	2	4	2	0	0	0	0
20-24	26	0	5	8	12	0	0	0	1
25-29	19	0	4	4	11	0	0	0	0
30-34	7	0	1	4	1	1	0	0	0
35-39	4	0	0	2	2	0	0	0	0
40-44	2	0	0	2	0	0	0	0	0
45 and over	0	0	0	0	0	0	0	0	0
Not stated	0	0	0	0	0	0	0	0	0
Native	21	2	2	7	8	1	0	0	1
Under 15	0	0	0	0	0	0	0	0	0
Total 15 to 19	7	1	1	2	3	0	0	0	0
15-17	3	1	0	1	1	0	0	0	0
18-19	4	0	1	1	2	0	0	0	0
20-24	7	0	0	3	3	1	0	0	0
25-29	1	0	0	0	1	0	0	0	0
30-34	3	1	0	1	1	0	0	0	0
35-39	2	0	1	0	0	0	0	0	1
40-44	0	0	0	0	0	0	0	0	0
45 and over	0	0	0	0	0	0	0	0	0
Not stated	1	0	0	1	0	0	0	0	0
Other races	52	1	7	16	24	4	0	0	0
Under 15	0	0	0	0	0	0	0	0	0
Total 15 to 19	10	1	2	3	4	0	0	0	0
15-17	6	1	2	1	2	0	0	0	0
18-19	4	0	0	2	2	0	0	0	0
20-24	13	0	1	6	5	1	0	0	0
25-29	16	0	3	7	6	0	0	0	0
30-34	10	0	1	0	6	3	0	0	0
35-39	3	0	0	0	3	0	0	0	0
40-44	0	0	0	0	0	0	0	0	0
45 and over	0	0	0	0	0	0	0	0	0
Not stated	0	0	0	0	0	0	0	0	0
Not stated	5	0	0	1	4	0	0	0	0
Under 15	0	0	0	0	0	0	0	0	0
Total 15 to 19	1	0	0	1	0	0	0	0	0
15-17	0	0	0	0	0	0	0	0	0
18-19	1	0	0	1	0	0	0	0	0
20-24	1	0	0	0	1	0	0	0	0
25-29	2	0	0	0	2	0	0	0	0
30-34	1	0	0	0	1	0	0	0	0
35-39	0	0	0	0	0	0	0	0	0
40-44	0	0	0	0	0	0	0	0	0
45 and over	0	0	0	0	0	0	0	0	0
Not stated	0	0	0	0	0	0	0	0	0

Table A27. Births to mothers of Spanish origin by marital status of mother, race and age of mother, residents: Utah, 1996

Marital status and race of mother	Total	Under 15	Age of mother										45 and over	Not stated
			15 to 19			20-24	25-29	30-34	35-39	40-44				
Total	3,937	15	760	324	436	1,295	1,058	566	203	38	0	2		
Total	3,937	15	760	324	436	1,295	1,058	566	203	38	0	2		
White	3,787	15	728	309	419	1,248	1,020	545	194	36	0	1		
Black	72	0	14	6	8	26	19	7	4	2	0	0		
Native American	21	0	7	3	4	7	1	3	2	0	0	1		
Other race	52	0	10	6	4	13	16	10	3	0	0	0		
Not stated	5	0	1	0	1	1	2	1	0	0	0	0		
Mother married	2,518	1	216	59	157	821	815	473	160	31	0	1		
White	2,421	1	205	57	148	791	786	457	151	30	0	0		
Black	52	0	8	2	6	19	14	6	4	1	0	0		
Native American	11	0	2	0	2	4	1	1	2	0	0	1		
Other race	31	0	1	0	1	7	12	8	3	0	0	0		
Not stated	3	0	0	0	0	0	2	1	0	0	0	0		
Mother unmarried	1,419	14	544	265	279	474	243	93	43	7	0	1		
White	1,366	14	523	252	271	457	234	88	43	6	0	1		
Black	20	0	6	4	2	7	5	1	0	1	0	0		
Native American	10	0	5	3	2	3	0	2	0	0	0	0		
Other race	21	0	9	6	3	6	4	2	0	0	0	0		
Not stated	2	0	1	0	1	1	0	0	0	0	0	0		

**Table A28. Births and deaths by community of occurrence and residence:
Utah, 1996**

County and city	Birth occurrence	Birth residence	Death occurrence	Death residence
State	42,943	42,056	11,492	10,974
Beaver	134	110	48	45
Beaver City	101	51	27	23
Milford	33	35	19	14
Minersville	0	8	0	1
Beaver balance	0	16	2	7
Box Elder	551	734	207	236
Bear River	1	12	1	1
Brigham City	473	326	136	119
Corinne	0	8	3	8
Deweyville	0	4	1	3
Elwood	0	5	1	1
Fielding	0	9	1	3
Garland	0	41	4	15
Honeyville	1	16	3	4
Mantua	0	10	0	1
Perry	0	27	3	5
Plymouth	0	2	1	1
Snowville	0	5	2	2
Tremonton	76	109	40	28
Willard	0	36	4	13
Box Elder balance	0	124	7	32
Cache	2,190	2,020	352	351
Amalga	0	8	0	0
Clarkston	0	13	0	0
Hyde Park	2	52	3	11
Hyrum	2	143	15	28
Lewiston	0	25	4	7
Logan	2,183	1,193	289	177
Mendon	0	17	1	8
Millville	0	27	1	4
Newton	0	14	2	3
Nibley	0	23	3	5
North Logan	0	119	7	19
Paradise	0	16	2	4
Providence	0	59	4	10
Richmond	2	50	3	11
River Heights	0	22	2	4
Smithfield	0	101	4	19
Trenton	0	8	1	4
Wellsville	0	49	1	10
Cache balance	1	81	10	27
Carbon	399	303	166	164
East Carbon	0	16	10	21
Helper	1	37	5	21
Price	398	154	139	84
Sunnyside	0	3	0	3
Wellington	0	28	2	5
Carbon balance	0	65	10	30
Daggett	0	5	2	3
Manila	0	2	1	2
Daggett balance	0	3	1	1
Davis	2,696	4,317	783	858
Bountiful	789	770	384	272
Centerville	0	246	16	35
Clearfield	3	459	90	89
Clinton	1	142	8	25

**Table A28. Births and deaths by community of occurrence and residence:
Utah, 1996**

County and city	Birth occurrence	Birth residence	Death occurrence	Death residence
Davis continued				
Farmington	0	173	14	27
Fruit Heights	0	65	4	12
Kaysville	0	406	30	82
Layton	1,897	1,178	184	163
North Salt Lake	1	175	11	35
South Weber	0	55	0	5
Sunset	0	108	10	35
Syracuse	2	106	6	15
Val Verde	2	1	1	0
West Bountiful	0	75	4	14
West Point	0	90	6	14
Woods Cross	1	86	9	23
Davis balance	0	182	6	12
Duchesne	372	253	102	101
Duchesne City	0	19	6	11
Myton	0	15	0	2
Roosevelt	370	89	73	35
Duchesne balance	2	130	23	53
Emery	3	185	36	54
Castle Dale	1	25	3	6
Cleveland	0	4	1	1
Elmo	0	5	5	2
Emery	0	3	1	3
Ferron	0	24	11	12
Green River	0	18	1	7
Huntington	0	50	4	11
Orangeville	0	28	2	6
Emery balance	2	28	8	6
Garfield	38	70	35	32
Escalante	0	15	0	9
Panguitch	38	23	29	11
Tropic	0	9	0	4
Garfield balance	0	23	6	8
Grand	93	120	52	53
Moab	92	83	40	39
Grand balance	1	37	12	14
Iron	509	618	124	144
Cedar City	503	444	96	99
Enoch	1	7	1	5
Paragonah	0	7	1	4
Parowan	0	41	10	14
Iron balance	5	119	16	22
Juab	89	155	67	51
Eureka	0	15	3	6
Levan	0	11	1	3
Mona	2	14	3	6
Nephi	82	95	54	28
Juab balance	5	20	6	8
Kane	48	82	53	58
Big Water	2	2	0	1
Glendale	0	2	2	2
Kanab	46	58	39	43
Orderville	0	5	0	6
Kane balance	0	15	12	6

**Table A28. Births and deaths by community of occurrence and residence:
Utah, 1996**

County and city	Birth occurrence	Birth residence	Death occurrence	Death residence
Millard	151	176	82	102
Delta	105	55	37	35
Fillmore	46	36	22	26
Hinckley	0	8	1	3
Holden	0	6	3	8
Kanosh	0	6	1	6
Leamington	0	1	0	1
Meadow	0	5	1	3
Oak City	0	7	1	3
Scipio	0	4	0	2
Millard balance	0	48	16	15
Morgan	0	110	18	31
Morgan City	0	67	5	12
Morgan balance	0	43	13	19
Piute	0	19	6	14
Circleville	0	3	0	4
Marysville	0	8	3	4
Piute balance	0	8	3	6
Rich	0	28	4	9
Laketown	0	6	1	3
Randolph	0	7	0	1
Woodruff	0	2	1	2
Rich balance	0	13	2	3
Salt Lake	19,362	16,663	5,346	4,736
Alta	0	0	0	1
Bennion	0	84	7	7
Bluff Dale	15	79	7	11
Canyon Rim	2	2	22	20
Cottonwood	8	11	49	38
Cottonwood West	2	2	50	47
Draper	4	240	39	38
East Midvale-Union	6	6	27	26
East Millcreek	0	0	204	64
Granite	5	4	6	6
Granite Park	2,318	11	708	142
Herriman	6	30	3	5
Holladay	1	97	120	57
Imperial	0	0	7	6
Kearns	9	635	51	92
Little Cottonwood Creek	1	0	6	6
Magna	7	480	46	101
Midvale	8	590	27	110
Mount Olympus	1	1	25	25
Murray	3,175	795	338	260
Oquirrh				
Riverton	12	442	20	45
Salt Lake City	8,870	6,297	2,326	1,889
Sandy	1,696	1,683	385	338
South Jordan	8	348	23	53
South Salt Lake	1,171	42	187	56
Taylorsville	2	324	2	46
Taylorsvilles-Bennion	5	13	108	63
West Jordan	1,232	1,605	146	149
West Valley City	781	2,042	326	367
White City	1	1	7	7
Salt Lake Co balance	16	799	74	661
San Juan	199	271	73	53
Blanding	193	75	44	12
Monticello	0	26	17	11

**Table A28. Births and deaths by community of occurrence and residence:
Utah, 1996**

County and city	Birth occurrence	Birth residence	Death occurrence	Death residence
Monument Valley	6	2	4	2
San Juan balance	0	168	8	28
Sanpete	287	330	115	153
Centerfield	0	7	2	10
Ephraim	0	72	6	17
Fairview	0	15	6	10
Fountain Green	0	16	2	5
Gunnison	162	23	31	10
Manti	3	63	4	25
Mayfield	0	4	10	6
Moroni	0	21	7	17
Mount Pleasant	119	41	31	19
Spring City	0	12	4	11
Sanpete balance	3	56	12	23
Sevier	219	284	123	149
Annabella	0	12	0	5
Aurora	0	16	0	5
Elsinore	1	12	3	9
Glenwood	0	4	1	7
Koosharem	0	7	0	1
Monroe	0	19	7	21
Redmond	0	15	0	4
Richfield	218	113	100	54
Salina	0	34	2	20
Sigurd	0	8	0	2
Sevier balance	0	44	10	21
Summit	3	374	52	82
Coalville	0	39	3	10
Francis	0	6	0	0
Henefer	0	11	2	5
Kamas	0	32	4	8
Oakley	0	11	0	2
Park City	1	167	17	26
Summit balance	2	108	26	31
Tooele	60	610	137	164
Dugway	0	15	0	0
Erda	0	19	1	2
Grantsville	1	88	7	24
Rush Valley	0	10	0	1
Stansbury Park	0	33	3	8
Stockton	0	5	0	0
Tooele City	58	281	100	116
Wendover	0	86	3	3
Tooele balance	1	73	23	10
Uintah	262	402	115	147
Ballard	0	2	0	3
Fort Duchesne	0	10	2	5
Naples	0	1	1	4
Vernal	261	184	86	56
Uintah balance	1	205	26	79
Utah	8,537	8,370	1,456	1,369
Alpine	2	81	6	13
American Fork	2,143	564	168	100
Cedar Fort	0	6	0	4
Cedar Hills	1	29	2	6

**Table A28. Births and deaths by community of occurrence and residence:
Utah, 1996**

County and city	Birth occurrence	Birth residence	Death occurrence	Death residence
Utah (cont'd)				
Elk Ridge	3	27	1	2
Genola	3	19	1	1
Goshen	1	16	2	11
Highland	1	106	8	19
Lehi	7	405	48	72
Lindon	0	126	12	14
Mapleton	5	92	9	15
Orem	781	2,126	196	318
Payson	1,376	298	119	49
Pleasant Grove	10	503	46	81
Provo	4,190	2,708	704	374
Salem	3	82	4	14
Santaquin	1	100	8	20
Spanish Fork	3	501	36	97
Springville	3	417	54	107
Woodland Hills	0	11	0	0
Utah Co Balance	4	153	32	52
Wasatch	113	231	73	77
Charleston	0	1	0	0
Heber	111	147	55	45
Midway	1	41	3	15
Wallsburg	0	7	1	3
Wasatch balance	1	35	14	14
Washington	1,943	1,480	593	545
Bloomington	0	1	1	0
Colorado City	215	88	3	5
Enterprise	2	18	6	11
Hurricane	5	157	40	54
Ivins	3	56	4	15
Laverkin	4	57	11	18
Leeds	1	7	2	5
Saint George	1,694	857	479	348
Santa Clara	4	58	6	13
Springdale	1	5	3	3
Toquerville	1	8	1	3
Washington City	8	97	18	41
Washington balance	5	71	19	29
Wayne	1	43	5	20
Bicknell	0	5	2	4
Loa	1	11	2	4
Wayne balance	0	27	1	12
Weber	4,684	3,693	1,267	1,173
Harrisville	0	46	6	6
Hooper	1	80	2	8
Huntsville	0	19	4	10
North Ogden	4	200	23	50
Ogden	2,799	2,154	667	686
Plain City	0	47	6	11
Pleasant View	0	55	11	19
Riverdale	0	111	9	20
Roy	3	580	89	140
South Ogden	0	146	114	97
Uintah	0	14	2	2
Washington Terrace	1,876	54	304	70
West Haven	0	31	3	7
Weber balance	1	156	27	47

Table A29. Births, births under 2500 grams, fetal deaths and selected causes of infant death by institution, county of occurrence: Utah, 1996

County, institution, occurrence	Total birth	Under 2500 grams	Fetal death	Infant deaths	Nervous system 320-359	Respir- atory system 460-519	Diges- tive system 520-579	Congen- ital anom- alies 740-759	Respir- atory distress syndrome 769	Peri- natal condi- tions 760-779	Sudden death 7980	All other causes
Total	42,943	2,905	253	276	4	8	1	98	4	102	20	39
Beaver	134	2	0	0	0	0	0	0	0	0	0	0
Beaver Valley	98	2	0	0	0	0	0	0	0	0	0	0
Milford Valley Memorial	30	0	0	0	0	0	0	0	0	0	0	0
Home	6	0	0	0	0	0	0	0	0	0	0	0
Box Elder	551	19	3	5	0	0	0	2	0	0	2	1
Brigham City Comm.	469	17	3	2	0	0	0	1	0	0	1	0
Bear River Valley	75	2	0	1	0	0	0	0	0	0	1	0
Home	7	0	0	2	0	0	0	1	0	0	0	1
Cache	2,190	103	5	5	0	0	0	2	0	0	2	1
Logan Regional Hospital	2,175	103	5	3	0	0	0	0	0	0	2	1
Home	15	0	0	2	0	0	0	2	0	0	0	0
Carbon	399	33	1	1	0	0	0	0	0	0	0	1
Castle View	393	33	1	0	0	0	0	0	0	0	0	0
Home	1	0	0	0	0	0	0	0	0	0	0	0
Other locations	5	0	0	1	0	0	0	0	0	0	0	1
Davis	2,696	163	12	12	0	1	0	5	0	3	1	2
Lakeview Hospital	783	51	5	2	0	0	0	0	0	1	1	0
Davis Hospital Med. Cen.	1,895	111	7	6	0	0	0	3	0	2	0	1
Home	18	1	0	4	0	1	0	2	0	0	0	1
Duchesne	372	18	1	5	0	0	0	0	0	0	3	2
Uintah Basin Med. Cen.	360	18	1	5	0	0	0	0	0	0	3	2
Home	2	0	0	0	0	0	0	0	0	0	0	0
Other locations	10	0	0	0	0	0	0	0	0	0	0	0
Emery	3	0	0	0	0	0	0	0	0	0	0	0
Home	3	0	0	0	0	0	0	0	0	0	0	0
Garfield	38	2	0	0	0	0	0	0	0	0	0	0
Garfield Memorial	38	2	0	0	0	0	0	0	0	0	0	0
Grand	93	7	0	0	0	0	0	0	0	0	0	0
Allen Memorial	90	7	0	0	0	0	0	0	0	0	0	0
Home	3	0	0	0	0	0	0	0	0	0	0	0
Iron	509	32	5	2	0	0	0	0	0	2	0	0
Valley View Med. Cen.	488	31	5	2	0	0	0	0	0	2	0	0
Home	19	1	0	0	0	0	0	0	0	0	0	0
Other locations	2	0	0	0	0	0	0	0	0	0	0	0
Juab	89	3	2	0	0	0	0	0	0	0	0	0
Central Valley Med. Cen.	82	3	2	0	0	0	0	0	0	0	0	0
Home	7	0	0	0	0	0	0	0	0	0	0	0
Kane	48	0	0	0	0	0	0	0	0	0	0	0
Kane County	44	0	0	0	0	0	0	0	0	0	0	0
Home	4	0	0	0	0	0	0	0	0	0	0	0
Millard	151	8	0	2	0	1	0	0	0	0	0	1
Fillmore Comm. Med. Cen.	46	8	0	2	0	1	0	0	0	0	0	1
Delta Comm. Med. Cen.	104	8	2	0	1	0	0	0	0	0	0	1
Home	1	0	0	0	0	0	0	0	0	0	0	0
Salt Lake	19,362	1,535	138	163	2	3	1	68	1	63	7	18
Jordan Valley	1,201	45	6	1	0	0	0	0	0	1	0	0
Alta View Hospital	1,681	62	6	3	0	0	0	0	0	0	2	1
Cottonwood Hospital	3,164	168	18	6	0	0	0	2	0	4	0	0
Holy Cross	1,974	94	6	1	0	0	0	0	0	1	0	0
LDS	3,939	363	23	21	0	0	0	8	0	12	0	1

Table A29. Births, births under 2500 grams, fetal deaths and selected causes of infant death by institution, county of occurrence: Utah, 1996

County, institution, occurrence	Total birth	Under 2500 grams	Fetal death	Infant deaths	Nervous system 320-359	Respir- atory system 460-519	Diges- tive system 520-579	Congen- ital anom- alies 740-759	Respir- atory distress syndrome 769	Peri- natal condi- tions 760-779	Sudden death 7980	All other causes
Salt Lake continued												
Primary Childrens	0	0	0	67	1	2	1	32	0	19	2	10
HCA Saint Marks	2,305	107	20	3	0	0	0	1	0	2	0	0
University of Utah Hospital	2,782	576	47	34	0	0	0	10	1	21	0	2
Pioneer Valley	758	43	5	6	0	1	0	2	0	1	1	1
FHP Hospital	1,160	58	3	1	0	0	0	0	0	1	0	0
University Birth Center	133	2	0	0	0	0	0	0	0	0	0	0
Home	264	16	4	20	1	0	0	13	0	1	2	3
Other locations	1	1	0	0	0	0	0	0	0	0	0	0
San Juan	199	6	0	0	0	0	0	0	0	0	0	0
Monument Valley	6	0	0	0	0	0	0	0	0	0	0	0
San Juan County	60	3	0	0	0	0	0	0	0	0	0	0
Blanding Births and Med. Cen.	132	3	0	0	0	0	0	0	0	0	0	0
Home	1	0	0	0	0	0	0	0	0	0	0	0
Sanpete	287	8	0	1	0	1	0	0	0	0	0	0
Gunnison Valley	162	4	0	0	0	0	0	0	0	0	0	0
Sanpete Valley	119	4	0	1	0	1	0	0	0	0	0	0
Home	6	0	0	0	0	0	0	0	0	0	0	0
Sevier	219	10	0	1	0	0	0	1	0	0	0	0
Sevier Valley	217	10	0	1	0	0	0	1	0	0	0	0
Home	2	0	0	0	0	0	0	0	0	0	0	0
Summit	3	0	0	0	0	0	0	0	0	0	0	0
Home	3	0	0	0	0	0	0	0	0	0	0	0
Tooele	60	4	0	4	0	0	0	1	0	0	2	1
Grantsville Urgent Care	1	0	0	0	0	0	0	0	0	0	0	0
Tooele Valley Med. Cen.	56	4	0	2	0	0	0	0	0	0	2	0
Home	3	0	0	2	0	0	0	1	0	0	0	1
Uintah	262	12	0	3	0	0	0	1	0	0	0	2
Ashley Valley Med. Cen.	261	12	0	1	0	0	0	0	0	0	0	1
Home	1	0	0	2	0	0	0	1	0	0	0	1
Utah	8,537	476	42	37	1	0	0	14	1	17	1	3
Orem Comm.	762	38	1	0	0	0	0	0	0	0	0	0
American Fork	2,139	80	13	4	0	0	0	2	0	2	0	0
Mountain View	1,369	56	10	1	0	0	0	1	0	0	0	0
Utah Valley Reg. Med. Cen.	4,163	301	16	27	0	0	0	8	1	15	0	3
Hildale Maternity Clinic	1	0	0	0	0	0	0	0	0	0	0	0
Home	103	1	2	5	1	0	0	3	0	0	1	0
Wasatch	113	7	4	1	0	1	0	0	0	0	0	0
Wasatch County	109	7	4	1	0	1	0	0	0	0	0	0
Home	4	0	0	0	0	0	0	0	0	0	0	0
Washington	1,943	75	17	8	0	0	0	1	1	2	2	2
Dixie Reg. Med. Cen	1,646	67	17	8	0	0	0	1	1	2	2	2
Hildale Maternity Clinic	201	4	0	0	0	0	0	0	0	0	0	0
Clinics	1	0	0	0	0	0	0	0	0	0	0	0
Home	89	4	0	0	0	0	0	0	0	0	0	0
Other locations	6	0	0	0	0	0	0	0	0	0	0	0
Wayne	1	0	0	0	0	0	0	0	0	0	0	0
Sevier Valley	1	0	0	0	0	0	0	0	0	0	0	0
Weber	4,684	382	23	26	1	1	0	3	1	15	0	5
Mckay Dee Hospital	2,792	255	15	14	0	0	0	2	0	10	0	2
Ogden Regional Med. Cen.	1,874	127	7	8	0	1	0	0	1	5	0	1
Home	16	0	1	4	1	0	0	1	0	0	0	2
Other locations	2	0	0	0	0	0	0	0	0	0	0	0

Table A30. Fetal deaths by health district, county of residence and age of mother: Utah, 1996

District and county	Age of woman											
	Under 15		15 to 19			45 and over						
	Total	15	Total	15-17	18-19	20-24	25-29	30-34	35-39	40-44		
Total	242	0	23	8	15	63	76	34	36	6	3	1
Bear River	11	0	0	0	0	2	4	3	2	0	0	0
Box Elder	5	0	0	0	0	1	2	0	2	0	0	0
Cache	6	0	0	0	0	1	2	3	0	0	0	0
Rich	0	0	0	0	0	0	0	0	0	0	0	0
Central Utah	3	0	0	0	0	1	1	0	1	0	0	0
Juab	0	0	0	0	0	0	0	0	0	0	0	0
Millard	2	0	0	0	0	1	0	0	1	0	0	0
Piute	0	0	0	0	0	0	0	0	0	0	0	0
Sanpete	0	0	0	0	0	0	0	0	0	0	0	0
Sevier	1	0	0	0	0	0	1	0	0	0	0	0
Wayne	0	0	0	0	0	0	0	0	0	0	0	0
Davis	19	0	2	0	2	2	5	3	6	1	0	0
Salt Lake	102	0	12	6	6	25	35	15	10	3	1	1
Southeastern	2	0	0	0	0	1	0	1	0	0	0	0
Carbon	1	0	0	0	0	1	0	0	0	0	0	0
Emery	1	0	0	0	0	0	0	1	0	0	0	0
Grand	0	0	0	0	0	0	0	0	0	0	0	0
San Juan	0	0	0	0	0	0	0	0	0	0	0	0
Southwest	22	0	0	0	0	6	9	3	4	0	0	0
Beaver	0	0	0	0	0	0	0	0	0	0	0	0
Garfield	0	0	0	0	0	0	0	0	0	0	0	0
Iron	9	0	0	0	0	2	4	1	2	0	0	0
Kane	1	0	0	0	0	0	1	0	0	0	0	0
Washington	12	0	0	0	0	4	4	2	2	0	0	0
Summit	1	0	0	0	0	1	0	0	0	0	0	0
Tooele	3	0	0	0	0	1	0	0	2	0	0	0
Uintah Basin	1	0	1	0	1	0	0	0	0	0	0	0
Daggett	0	0	0	0	0	0	0	0	0	0	0	0
Duchesne	0	0	0	0	0	0	0	0	0	0	0	0
Uintah	1	0	1	0	1	0	0	0	0	0	0	0
Utah County	49	0	5	1	4	15	12	8	8	1	0	0
Wasatch	5	0	0	0	0	1	3	0	0	1	0	0
Weber-	24	0	3	1	2	8	7	1	3	0	2	0
Morgan	0	0	0	0	0	0	0	0	0	0	0	0
Weber	24	0	3	1	2	8	7	1	3	0	2	0

Table A31. Fetal deaths by selected cause and gender, residents: Utah, 1996

Cause of death	ICD code	Total	Gender	
			Male	Female
Total		242	123	119
Congenital anomalies	740-759	38	14	24
Anencephalus and similar anomalies	740	5	1	4
Anencephalus	740.0	5	1	4
Other congenital anomalies of nervous system	742	2	0	2
Encephalocele	742.0	1	0	1
Congenital hydrocephalus	742.3	1	0	1
Other congenital anomalies of heart	746	2	1	1
Hypoplastic left heart syndrome	746.7	1	1	0
Unspecified anomalies of heart	746.9	1	0	1
Congenital anomalies of respiratory system	748	1	0	1
Agenesis, hypoplasia and dysplasia of lung	748.5	1	0	1
Congenital anomalies of urinary system	753	1	1	0
Other specified anomalies of bladder and urethra	753.8	1	1	0
Chromosomal anomalies	758	20	8	12
Down's syndrome	758.0	3	0	3
Patau's syndrome	758.1	2	1	1
Edward's syndrome	758.2	5	2	3
Other conditions due to autosomal anomalies	758.5	1	1	0
Gonadal dysgenesis	758.6	3	0	3
Klinefelter's syndrome	758.7	1	1	0
Conditions due to anomaly of unspecified chromosome	758.9	5	3	2
Other and unspecified congenital anomalies	759	7	3	4
Multiple congenital anomalies, so described	759.7	3	1	2
Congenital anomaly, unspecified	759.9	4	2	2
Certain conditions originating in the perinatal period	760-779	204	109	95
Fetus or newborn affected by maternal conditions which may be unrelated to present pregnancy	760	8	5	3
Maternal hypertensive disorders	760.0	3	1	2
Maternal infections	760.2	1	0	1
Maternal injury	760.5	2	2	0
Other	760.8	2	2	0
Fetus or newborn affected by maternal complications of pregnancy	761	16	11	5
Incompetent cervix	761.0	2	1	1
Premature rupture of membranes	761.1	10	7	3
Oligohydramnios	761.2	3	2	1
Other	761.8	1	1	0

Table A31. Fetal deaths by selected cause and gender, residents: Utah, 1996

Cause of death	ICD code	Total	Gender	
			Male	Female
Fetus or newborn affected by complications of placenta, cord and membranes	762	104	50	54
Placenta praevia	762.0	1	0	1
Other forms of placental separation and haemorrhage	762.1	20	11	9
Other and unspecified morphological and functional abnormalities of placenta	762.2	11	4	7
Placental transfusion syndromes	762.3	12	5	7
Prolapsed cord	762.4	1	1	0
Other compression of umbilical cord	762.5	24	13	11
Other and unspecified conditions of umbilical cord	762.6	30	14	16
Chorioamnionitis	762.7	5	2	3
Fetus or newborn affected by other complications of labour and delivery	763	1	0	1
Other complications of labour and delivery	763.8	1	0	1
Disorders relating to short gestation and unspecified low birth weight	765	10	4	6
Extreme immaturity	765.0	8	4	4
Other preterm infants	765.1	2	0	2
Intrauterine hypoxia and birth asphyxia	768	21	12	9
Fetal death from asphyxia or anoxia during labour	768.0	21	12	9
Other respiratory conditions of fetus and newborn	770	1	0	1
Other respiratory problems after birth	770.8	1	0	1
Haemolytic disease of fetus or newborn, due to isoimmunization	773	3	1	2
Haemolytic disease due to ABO isoimmunization	773.1	1	1	0
Hydrops fetalis due to isoimmunization	773.3	2	0	2
Endocrine and metabolic disturbances specific to the fetus and newborn	775	1	0	1
Syndrome of "infant of a diabetic mother"	775.0	1	0	1
Perinatal disorders of digestive system	777	1	1	0
Other meconium obstruction	777.1	1	1	0
Conditions involving the integument and temperature regulation of fetus and newborn	778	5	4	1
Hydrops fetalis not due to isoimmunization	778.0	5	4	1
Other and ill-defined conditions originating in the perinatal period	779	33	21	12
Other	779.8	2	1	1
Unspecified	779.9	31	20	11

Table A32. Deaths to infants by selected causes by gender, race and age, residents: Utah, 1996

Cause of death (9th rev.)	ICD Code	Gender	Age							
			Race		28 days under 1 year		Total under 28 days		7-27 days	
			Total	White	Non-white	1 year	28 days	under	7-27 days	1-6 days
All causes		T M F	250 155 95	232 141 91	18 14 4	85 54 31	165 101 64	44 27 17	33 22 11	88 52 36
Certain intestinal infections	008-009	F	1	1	0	1	0	0	0	0
Septicemia	038	M F	5 2	4 2	1 0	5 0	0 2	0 1	0 1	0 0
Viral diseases	045-079	F	1	0	1	1	0	0	0	0
Benign neoplasms, carcinoma in situ, and neoplasms of uncertain behavior and unspecified nature	210-239	F	1	1	0	0	1	0	1	0
Diseases of blood and blood forming organs	280-289	M	1	1	0	1	0	0	0	0
Other diseases of the nervous system and sense organs	323-389	M F	2 2	2 2	0 0	2 2	0 0	0 0	0 0	0 0
Acute upper respiratory infections	460-465	M	1	1	0	1	0	0	0	0
Bronchitis and bronchiolitis	466,490-491	M	1	1	0	1	0	0	0	0
Pneumonia and influenza	480-487	M	1	1	0	1	0	0	0	0
Influenza	##	M	1	1	0	1	0	0	0	0
Remainder of diseases of respiratory system	470-478,492-519	M F	3 2	2 1	1 1	1 1	2 1	1 1	0 0	1 0
Hernia of abdominal cavity and intestinal obstruction without mention of hernia	550-553,560	M	1	0	1	1	0	0	0	0
Congenital anomalies	740-759	M F	50 38	48 38	2 0	12 10	38 28	17 10	10 5	11 13
Anencephalus and similar anomalies	740	M F	1 1	1 1	0 0	0 0	1 1	0 0	0 0	1 1
Spina bifida	741	F	1	1	0	0	1	1	0	0
Congenital hydrocephalus	742.3	M	1	1	0	1	0	0	0	0

Table A32. Deaths to infants by selected causes by gender, race and age, residents: Utah, 1996

Cause of death (9th rev.)	ICD Code	Gender	Age							
			Race		28 days under 1 year		Total under 28 days		7-27 days	
			Total	White	Non-white	1 year	28 days	under	7-27	days
Other congenital anomalies of central nervous system and eye	742.0-742.2, 742.4-742.9,743	M F	4 1	3 1	1 0	0 0	0 0	4 1	1 0	2 0
Congenital anomalies of heart	745-746	M F	24 12	23 12	1 0	7 6	17 6	12 6	4 0	1 0
Other congenital anomalies of circulatory system	747	M F	2 3	2 3	0 0	2 1	0 2	0 2	0 0	0 0
Congenital anomalies of respiratory system	748	M F	6 1	6 1	0 0	0 0	6 1	0 0	2 0	4 1
Congenital anomalies of digestive system	749-751	M	1	1	0	0	1	0	1	0
Congenital anomalies of genitourinary system	752-753	M F	1 2	1 2	0 0	0 0	1 2	0 0	0 1	1 1
Congenital anomalies of musculoskeletal system	754-756	M F	4 3	4 3	0 0	0 1	4 2	4 0	0 0	0 2
Other chromosomal anomalies	758.1-758.9	F	1	1	0	0	1	0	1	0
All other and unspecified congenital anomalies	744,757,759	M F	6 13	6 13	0 0	2 2	4 11	0 1	1 3	3 7
Certain conditions originating in the perinatal period	760-779	M F	59 31	51 31	8 0	4 0	55 31	7 5	10 3	38 23
Newborn affected by maternal conditions which may be unrelated to present pregnancy	760	M F	3 1	3 1	0 0	0 0	3 1	0 0	1 1	2 0
Newborn affected by maternal complications of pregnancy	761	M F	6 7	5 7	1 0	0 0	6 7	0 0	1 0	5 7
Newborn affected by complications of placenta, cord, and membranes	762	M F	2 2	2 2	0 0	0 0	2 2	0 0	0 0	2 2
Newborn affected by other complications of labor and delivery	763	F	2	2	0	0	2	0	0	2
Slow fetal growth and fetal malnutrition disorders relating to short gestation and unspecified	764	F	1	1	0	0	1	0	0	1
Disorders relating to short gestation and unspecified low birthweight	765	M F	17 8	17 8	0 0	0 0	17 8	0 0	0 0	17 8
Birth trauma	767	M F	2 1	2 1	0 0	0 0	2 1	1 0	1 1	0 0

Table A32. Deaths to infants by selected causes by gender, race and age, residents: Utah, 1996

Cause of death (9th rev.)	ICD Code	Gender	Age							
			Race		28 days under 1 year		Total under 28 days		7-27 days	
			Total	White	Non-white	1 year	28 days	days	1-6 days	Under 1 day
Intrauterine hypoxia and birth asphyxia	768	M F	2 2	2 2	0 0	0 0	2 2	1 0	1 0	0 2
Fetal distress in liveborn infant	768.2-768.4	M F	1 2	1 2	0 0	0 0	1 2	0 0	1 0	0 2
Birth asphyxia	768.5-768.9	M	1	1	0	0	1	1	0	0
Respiratory distress syndrome	769	M F	2 1	2 1	0 0	0 0	2 1	0 1	1 0	1 0
Other respiratory conditions of newborn	770	M F	9 2	6 2	3 0	1 0	8 2	0 1	1 0	7 1
Infections specific to perinatal period	771	M F	9 1	6 1	3 0	2 0	7 1	2 1	3 0	2 0
Neonatal hemorrhage	772	M F	1 1	1 1	0 0	0 0	1 1	0 0	1 1	0 0
All other and ill-defined conditions originating in the perinatal period	775.2-775.9, 776.1-779	M F	6 2	5 2	1 0	1 0	5 2	3 2	0 0	2 0
Symptoms, signs, and ill-defined conditions	780-799	M F	17 10	16 8	1 2	16 10	1 0	0 0	1 0	0 0
Sudden infant death syndrome	798.0	M F	14 7	13 6	1 1	14 7	0 0	0 0	0 0	0 0
Symptoms, signs, and other ill-defined conditions	780-797, 798.1-799	M F	3 3	3 2	0 1	2 3	1 0	0 0	1 0	0 0
Accidents and adverse effects	E800-E949	M F	4 4	4 4	0 0	4 3	0 1	0 0	0 1	0 0
Accidental mechanical suffocation	E913	M F	1 2	1 2	0 0	1 2	0 0	0 0	0 0	0 0
Other accidental and adverse effects	E800-E910, E914-E949	M F	3 2	3 2	0 0	3 1	0 1	0 0	0 1	0 0
Homicide	E960-E969	M	1	1	0	1	0	0	0	0
Child battering and other maltreatment	E967	M	1	1	0	1	0	0	0	0
All other causes		M F	9 3	9 3	0 0	4 3	5 0	2 0	1 0	2 0

Table A33. Deaths to infants under one year of age by mother's health district and county of residence: Utah, 1996

District and county	Age						
	Infant mortality						
	Neonatal mortality						
	Total under 1 year	28 days under 1 year	7-27 days	1-6 days	1-24 hours	Under 1 hour	Fetal deaths
Total	250	85	44	33	43	45	242
Bear River	12	7	3	1	0	1	11
Box Elder	6	4	1	0	0	1	5
Cache	6	3	2	1	0	0	6
Rich	0	0	0	0	0	0	0
Central Utah	12	4	2	2	1	3	3
Juab	2	1	0	1	0	0	0
Millard	2	1	1	0	0	0	2
Piute	0	0	0	0	0	0	0
Sanpete	1	1	0	0	0	0	0
Sevier	7	1	1	1	1	3	1
Wayne	0	0	0	0	0	0	0
Davis	21	5	5	5	5	1	19
Salt Lake	101	34	19	13	16	19	102
Southeastern	1	0	0	1	0	0	2
Carbon	1	0	0	1	0	0	1
Emery	0	0	0	0	0	0	1
Grand	0	0	0	0	0	0	0
San Juan	0	0	0	0	0	0	0
Southwest	16	6	2	3	3	2	22
Beaver	1	0	1	0	0	0	0
Garfield	0	0	0	0	0	0	0
Iron	5	0	0	3	1	1	9
Kane	1	0	0	0	0	1	1
Washington	9	6	1	0	2	0	12
Summit	3	0	1	1	0	1	1
	3	0	1	1	0	1	1
Tooele	4	3	1	0	0	0	3
	4	3	1	0	0	0	3
Uintah Basin	11	8	1	1	0	1	1
Daggett	0	0	0	0	0	0	0
Duchesne	5	3	1	0	0	1	0
Uintah	6	5	0	1	0	0	1
Utah County	38	6	7	5	12	8	49
Wasatch	4	2	1	0	0	1	5
Weber-Morgan	27	10	2	1	6	8	24
Morgan	0	0	0	0	0	0	0
Weber	27	10	2	1	6	8	24

Table A34. Deaths by health district, county of residence and month: Utah, 1996

District and county	Total	Month											
		Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
Total	10,974	1,048	867	887	876	969	848	874	905	804	964	893	1,039
Bear River	596	50	49	52	60	50	55	48	45	48	47	44	48
Box Elder	236	17	21	18	25	17	22	18	16	21	20	17	24
Cache	351	33	27	33	35	33	32	30	27	26	24	27	24
Rich	9	0	1	1	0	0	1	0	2	1	3	0	0
Central Utah	489	54	41	37	44	41	39	29	46	35	38	35	50
Juab	51	6	6	5	1	3	2	3	6	3	6	2	8
Millard	102	11	11	7	10	8	8	7	15	4	10	3	8
Piute	14	0	2	1	1	1	1	0	3	1	0	1	3
Sanpete	153	19	7	11	18	14	10	10	14	14	10	11	15
Sevier	149	13	14	10	10	15	15	9	8	12	11	16	16
Wayne	20	5	1	3	4	0	3	0	0	1	1	2	0
Davis	858	99	65	54	64	73	68	67	63	71	63	79	92
Salt Lake	4,736	462	346	385	389	422	354	367	380	328	432	392	479
Southeastern	324	28	23	27	29	29	23	26	18	30	30	34	27
Carbon	164	14	12	16	13	13	14	12	7	15	16	19	13
Emery	54	4	3	6	8	6	2	2	4	3	5	5	6
Grand	53	3	4	1	3	6	4	7	2	6	3	9	5
San Juan	53	7	4	4	5	4	3	5	5	6	6	1	3
Southwest	824	72	78	67	54	74	62	73	67	65	79	64	69
Beaver	45	5	3	0	7	4	3	4	4	3	6	1	5
Garfield	32	1	3	2	2	5	3	1	8	1	5	1	0
Iron	144	13	20	13	7	10	9	17	13	10	13	12	7
Kane	58	4	5	3	3	4	5	5	4	12	4	3	6
Washington	545	49	47	49	35	51	42	46	38	39	51	47	51
Summit	82	8	7	9	6	3	7	8	6	4	6	6	12
Tooele	164	19	21	10	11	21	10	7	14	13	16	13	9
Uintah Basin	251	30	22	15	12	31	26	23	21	12	19	22	18
Daggett	3	0	0	0	1	0	0	0	0	0	0	1	1
Duchesne	101	9	12	8	4	14	7	6	12	6	8	10	5
Uintah	147	21	10	7	7	17	19	17	9	6	11	11	12
Utah County	1,369	105	110	123	103	137	92	109	133	103	135	97	122
Wasatch	77	5	3	11	7	4	9	5	7	3	7	9	7
Weber-Morgan	1204	116	102	97	97	84	103	112	105	92	92	98	106
Morgan	31	4	4	3	3	0	2	1	1	1	1	7	4
Weber	1,173	112	98	94	94	84	101	111	104	91	91	91	102

Table A35. Deaths by health district, county of residence, race and gender: Utah, 1996

District and county	Race and gender																	
	Total			White			Black			Native American			Other non-white			Race not stated		
	Total	Male	Female	T	M	F	T	M	F	T	M	F	T	M	F	T	M	F
Total	10,974	5,698	5,276	10,652	5,511	5,141	71	46	25	109	57	52	137	80	57	5	4	1
Bear River	596	309	287	586	304	282	0	0	0	2	1	1	6	2	4	2	2	0
Box Elder	236	123	113	231	121	110	0	0	0	2	1	1	3	1	2	0	0	0
Cache	351	179	172	346	176	170	0	0	0	0	0	0	3	1	2	2	2	0
Rich	9	7	2	9	7	2	0	0	0	0	0	0	0	0	0	0	0	0
Central Utah	489	246	243	485	244	241	0	0	0	4	2	2	0	0	0	0	0	0
Juab	51	23	28	50	22	28	0	0	0	1	1	0	0	0	0	0	0	0
Millard	102	58	44	101	57	44	0	0	0	1	1	0	0	0	0	0	0	0
Piute	14	8	6	14	8	6	0	0	0	0	0	0	0	0	0	0	0	0
Sanpete	153	81	72	153	81	72	0	0	0	0	0	0	0	0	0	0	0	0
Sevier	149	62	87	147	62	85	0	0	0	2	0	2	0	0	0	0	0	0
Wayne	20	14	6	20	14	6	0	0	0	0	0	0	0	0	0	0	0	0
Davis	858	448	410	839	439	400	3	1	2	4	3	1	11	4	7	1	1	0
Salt Lake	4,736	2,462	2,274	4,580	2,363	2,217	46	35	11	22	10	12	87	54	33	1	0	1
Southeastern	324	158	166	294	144	150	1	1	0	29	13	16	0	0	0	0	0	0
Carbon	164	85	79	163	84	79	1	1	0	0	0	0	0	0	0	0	0	0
Emery	54	24	30	54	24	30	0	0	0	0	0	0	0	0	0	0	0	0
Grand	53	23	30	53	23	30	0	0	0	0	0	0	0	0	0	0	0	0
San Juan	53	26	27	24	13	11	0	0	0	29	13	16	0	0	0	0	0	0
Southwest	824	443	381	807	433	374	0	0	0	10	6	4	7	4	3	0	0	0
Beaver	45	20	25	45	20	25	0	0	0	0	0	0	0	0	0	0	0	0
Garfield	32	13	19	32	13	19	0	0	0	0	0	0	0	0	0	0	0	0
Iron	144	80	64	141	77	64	0	0	0	2	2	0	1	1	0	0	0	0
Kane	58	31	27	57	31	26	0	0	0	0	0	0	1	0	1	0	0	0
Washington	545	299	246	532	292	240	0	0	0	8	4	4	5	3	2	0	0	0
Summit	82	44	38	80	43	37	0	0	0	1	0	1	0	0	0	1	1	0
Tooele	164	91	73	159	90	69	1	0	1	3	1	2	1	0	1	0	0	0
Uintah Basin	251	149	102	227	134	93	0	0	0	24	15	9	0	0	0	0	0	0
Daggett	3	2	1	3	2	1	0	0	0	0	0	0	0	0	0	0	0	0
Duchesne	101	61	40	95	58	37	0	0	0	6	3	3	0	0	0	0	0	0
Uintah	147	86	61	129	74	55	0	0	0	18	12	6	0	0	0	0	0	0
Utah County	1,369	677	692	1,347	665	682	2	1	1	6	3	3	14	8	6	0	0	0
Wasatch	77	32	45	77	32	45	0	0	0	0	0	0	0	0	0	0	0	0
Weber-Morgan	1,204	639	565	1,171	620	551	18	8	10	4	3	1	11	8	3	0	0	0
Morgan	31	22	9	31	22	9	0	0	0	0	0	0	0	0	0	0	0	0
Weber	1,173	617	556	1,140	598	542	18	8	10	4	3	1	11	8	3	0	0	0

Table A36. Deaths by age, race and gender, residents: Utah, 1996

Age	Race and gender																	
	Total			White			Black			Native American			Other non-white			Race not stated		
	Total	Male	Female	T	M	F	T	M	F	T	M	F	T	M	F	T	M	F
Total	10,974	5,698	5,276	10,652	5,511	5,141	71	46	25	109	57	52	137	80	57	5	4	1
Under 1 year	250	155	95	232	141	91	5	4	1	7	4	3	6	6	0	0	0	0
Under 1 month	165	101	64	155	91	64	4	4	0	2	2	0	4	4	0	0	0	0
Under 1 week	121	74	47	114	67	47	3	3	0	1	1	0	3	3	0	0	0	0
Under 1 day	88	52	36	82	46	36	3	3	0	0	0	0	3	3	0	0	0	0
Under 1 hour	45	27	18	40	22	18	3	3	0	0	0	0	2	2	0	0	0	0
1-4	47	33	14	44	32	12	0	0	0	1	0	1	2	1	1	0	0	0
5-9	30	18	12	29	18	11	0	0	0	1	0	1	0	0	0	0	0	0
10-14	48	30	18	46	29	17	0	0	0	0	0	0	2	1	1	0	0	0
15-19	151	115	36	142	110	32	1	1	0	5	2	3	3	2	1	0	0	0
20-24	147	113	34	136	104	32	1	1	0	7	5	2	3	3	0	0	0	0
25-29	139	99	40	126	87	39	3	3	0	5	5	0	5	4	1	0	0	0
30-34	178	134	44	164	125	39	4	4	0	7	3	4	3	2	1	0	0	0
35-39	247	172	75	228	158	70	5	5	0	11	7	4	4	3	2	1	0	0
40-44	259	164	95	244	156	88	2	2	0	9	5	4	4	1	3	0	0	0
45-49	297	181	116	280	175	105	4	3	1	5	1	4	8	2	6	0	0	0
50-54	294	181	113	282	176	106	0	0	0	5	1	4	7	4	3	0	0	0
55-59	387	211	176	376	206	170	5	3	2	3	0	3	3	2	1	0	0	0
60-64	572	326	246	548	312	236	4	1	3	7	5	2	12	7	5	1	1	0
65-69	791	457	334	765	439	326	6	3	3	7	4	3	12	10	2	1	1	0
70-74	1,150	614	536	1,121	600	521	7	3	4	4	3	1	18	8	10	0	0	0
75-79	1,445	790	655	1,409	767	642	7	3	4	7	4	3	20	14	6	2	2	0
80-84	1,684	838	846	1,660	825	835	5	3	2	6	3	3	12	7	5	1	0	1
85-89	1,487	633	854	1,470	624	846	6	5	1	3	2	1	8	2	6	0	0	0
90-94	971	324	647	960	321	639	5	1	4	5	1	4	1	1	0	0	0	0
95-99	332	95	237	326	92	234	1	1	0	3	1	2	2	1	1	0	0	0
100 and over	66	13	53	63	13	50	0	0	0	0	0	0	3	0	3	0	0	0
Not stated	2	2	0	1	1	0	0	0	0	1	1	0	0	0	0	0	0	0

Table A37a. Deaths by health district, county of residence, age and gender: Utah, 1996

District and county	Age and gender																	
	Total			Under 1			1-4			5-9			10-14			15-19		
	Total	Male	Female	T	M	F	T	M	F	T	M	F	T	M	F	T	M	F
Total	10,974	5,698	5,276	250	155	95	47	33	14	30	18	12	48	30	18	151	115	36
Bear River	596	309	287	12	9	3	2	2	0	2	1	1	3	2	1	4	3	1
Box Elder	236	123	113	6	5	1	1	1	0	0	0	0	1	1	0	0	0	0
Cache	351	179	172	6	4	2	1	1	0	2	1	1	2	1	1	4	3	1
Rich	9	7	2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Central Utah	489	246	243	12	7	5	0	0	0	0	0	0	3	1	2	4	4	0
Juab	51	23	28	2	0	2	0	0	0	0	0	0	1	0	1	1	1	0
Millard	102	58	44	2	0	2	0	0	0	0	0	0	0	0	0	0	0	0
Piute	14	8	6	0	0	0	0	0	0	0	0	0	1	0	1	0	0	0
Sanpete	153	81	72	1	1	0	0	0	0	0	0	0	0	0	0	1	1	0
Sevier	149	62	87	7	6	1	0	0	0	0	0	0	1	1	0	2	2	0
Wayne	20	14	6	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Davis	858	448	410	21	14	7	8	7	1	3	1	2	7	6	1	12	9	3
Salt Lake	4,736	2,462	2,274	101	61	40	19	13	6	11	5	6	20	11	9	69	55	14
Southeastern	324	158	166	1	1	0	4	2	2	0	0	0	0	0	0	4	1	3
Carbon	164	85	79	1	1	0	0	0	0	0	0	0	0	0	0	1	1	0
Emery	54	24	30	0	0	0	1	0	1	0	0	0	0	0	0	1	0	1
Grand	53	23	30	0	0	0	1	1	0	0	0	0	0	0	0	1	0	1
San Juan	53	26	27	0	0	0	2	1	1	0	0	0	0	0	0	1	0	1
Southwest	824	443	381	16	8	8	1	1	0	1	1	0	3	1	2	12	10	2
Beaver	45	20	25	1	0	1	0	0	0	0	0	0	0	0	0	0	0	0
Garfield	32	13	19	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Iron	144	80	64	5	3	2	0	0	0	1	1	0	0	0	0	6	6	0
Kane	58	31	27	1	0	1	0	0	0	0	0	0	0	0	0	0	0	0
Washington	545	299	246	9	5	4	1	1	0	0	0	0	3	1	2	6	4	2
Summit	82	44	38	3	2	1	3	2	1	0	0	0	0	0	0	3	2	1
Tooele	164	91	73	4	3	1	0	0	0	0	0	0	0	0	0	2	1	1
Uintah Basin	251	149	102	11	9	2	0	0	0	1	0	1	1	1	0	6	4	2
Daggett	3	2	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Duchesne	101	61	40	5	3	2	0	0	0	1	0	1	0	0	0	3	2	1
Uintah	147	86	61	6	6	0	0	0	0	0	0	0	1	1	0	3	2	1
Utah County	1,369	677	692	38	23	15	7	4	3	9	7	2	7	5	2	22	15	7
Wasatch	77	32	45	4	3	1	0	0	0	0	0	0	0	0	0	1	1	0
Weber-Morgan	1,204	639	565	27	15	12	3	2	1	3	3	0	4	3	1	12	10	2
Morgan	31	22	9	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Weber	1,173	617	556	27	15	12	3	2	1	3	3	0	4	3	1	12	10	2

One male death of a Salt Lake County resident and one male death of a Utah County resident where age is unknown and is included in the county total.

Table A37b. Deaths by health district, county of residence, age and gender: Utah, 1996

District and county	Age and gender																					
	20-24			25-29			30-34			35-39			40-44			45-49			50-54			
Total	T	M	F	T	M	F	T	M	F	T	M	F	T	M	F	T	M	F	T	M	F	
	147	113	34	139	99	40	178	134	44	247	172	75	259	164	95	297	181	116	294	181	113	
	Bear River	5	5	0	2	2	0	3	1	2	8	5	3	9	5	4	11	8	3	13	8	5
	Box Elder	3	3	0	0	0	0	0	0	0	3	3	0	3	2	1	5	4	1	4	3	1
	Cache	2	2	0	2	2	0	3	1	2	5	2	3	5	3	2	6	4	2	8	4	4
	Rich	0	0	0	0	0	0	0	0	0	0	0	0	1	0	1	0	0	0	1	1	0
	Central Utah	4	3	1	1	1	0	4	3	1	8	5	3	7	6	1	8	7	1	4	3	1
	Juab	0	0	0	0	0	0	0	0	0	1	1	0	4	3	1	1	1	0	0	0	0
	Millard	0	0	0	0	0	0	1	1	0	4	3	1	0	0	0	2	2	0	0	0	0
	Piute	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Sanpete	3	2	1	1	1	0	1	1	0	2	1	1	2	2	0	3	3	0	2	1	1
	Sevier	1	1	0	0	0	0	2	1	1	1	0	1	1	0	0	2	1	1	2	2	0
	Wayne	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Davis	15	8	7	10	6	4	13	11	2	19	14	5	25	16	9	23	12	11	35	23	12
	Salt Lake	66	49	17	70	55	15	89	70	19	138	101	37	135	88	47	154	96	58	137	83	54
	Southeastern	1	1	0	3	3	0	8	3	5	7	7	0	5	5	0	7	3	4	7	2	5
	Carbon	0	0	0	0	0	0	1	1	0	2	2	0	4	4	0	3	3	0	3	1	2
	Emery	0	0	0	0	0	0	1	0	1	1	0	0	0	0	0	2	0	2	2	0	2
	Grand	0	0	0	1	1	0	1	0	1	0	0	0	1	1	0	0	0	0	0	0	0
	San Juan	1	1	0	2	2	0	5	2	3	4	4	0	0	0	0	2	0	2	2	1	1
	Southwest	9	9	0	8	3	5	9	6	3	10	4	6	16	11	5	17	11	6	19	12	7
	Beaver	0	0	0	1	1	0	0	0	0	0	0	0	3	2	1	1	0	1	1	0	1
	Garfield	2	2	0	0	0	0	0	0	0	0	0	0	2	0	2	0	0	0	0	0	0
	Iron	2	2	0	2	1	1	6	4	2	2	1	1	2	0	2	7	4	3	4	2	2
	Kane	2	2	0	0	0	0	0	0	0	2	1	1	1	1	0	0	0	0	2	2	0
	Washington	3	3	0	5	1	4	3	2	1	6	2	4	8	8	0	9	7	2	12	8	4
	Summit	3	2	1	1	1	0	5	3	2	5	3	2	2	2	0	2	1	1	0	0	0
	Tooele	2	2	0	3	2	1	6	5	1	6	2	4	5	4	1	5	1	4	10	5	5
	Uintah Basin	3	3	0	5	3	2	3	3	0	6	4	2	8	4	4	4	3	1	11	9	2
	Daggett	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Duchesne	2	2	0	1	1	0	1	1	0	2	0	2	3	1	2	2	1	1	4	3	1
	Uintah	1	1	0	4	2	2	2	2	0	4	4	0	5	3	2	2	2	0	7	6	1
	Utah County	27	21	6	23	15	8	18	15	3	22	13	9	30	17	13	28	16	12	26	12	14
	Wasatch	0	0	0	0	0	0	0	0	0	0	0	0	2	0	2	2	1	1	1	0	1
	Weber-Morgan	12	10	2	13	8	5	20	14	6	18	14	4	15	6	9	36	22	14	31	24	7
	Morgan	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1	0	1	1	1	0	
	Weber	12	10	2	13	8	5	20	14	6	18	14	4	15	6	9	35	21	14	30	23	7

Table A37c. Deaths by health district, county of residence, age and gender: Utah, 1996

District and county	Age and gender																				
	55-59			60-64			65-69			70-74			75-79			80-84			85 AND OVER		
	T	M	F	T	M	F	T	M	F	T	M	F	T	M	F	T	M	F	T	M	F
Total	387	211	176	572	326	246	791	457	334	1,150	614	536	1,445	790	655	1,684	838	846	2,856	1,065	1,791
Bear River	15	11	4	30	16	14	47	27	20	49	24	25	95	51	44	100	50	50	186	79	107
Box Elder	6	5	1	17	8	9	19	11	8	27	13	14	40	19	21	37	19	18	64	26	38
Cache	9	6	3	13	8	5	28	16	12	22	11	11	53	31	22	63	31	32	117	48	69
Rich	0	0	0	0	0	0	0	0	0	0	0	0	2	1	1	0	0	0	5	5	0
Central Utah	20	10	10	19	11	8	44	26	18	49	28	21	69	35	34	82	32	50	151	64	87
Juab	1	1	0	0	0	0	4	2	2	6	5	1	5	3	2	10	2	8	15	4	11
Millard	6	3	3	2	0	2	6	4	2	12	9	3	22	13	9	14	10	4	31	13	18
Piute	2	1	1	0	0	0	1	1	0	0	0	0	4	3	1	4	1	3	2	2	0
Sanpete	5	3	2	8	7	1	13	8	5	13	8	5	20	7	13	28	11	17	50	24	26
Sevier	5	1	4	9	4	5	18	9	9	17	5	12	16	7	9	24	7	17	41	14	27
Wayne	1	1	0	0	0	0	2	2	0	1	1	0	2	2	0	2	1	1	12	7	5
Davis	30	18	12	55	29	26	61	39	22	92	48	44	109	65	44	112	48	64	208	74	134
Salt Lake	199	111	88	225	130	95	326	173	153	498	274	224	588	312	276	689	340	349	1,201	434	767
Southeastern	9	2	7	24	13	11	22	12	10	37	19	18	52	31	21	52	29	23	81	24	57
Carbon	6	2	4	14	7	7	9	4	5	22	9	13	28	20	8	31	16	15	39	14	25
Emery	1	0	1	0	0	0	4	3	1	4	3	1	7	4	3	10	7	3	20	6	14
Grand	1	0	1	3	1	2	5	3	2	8	6	2	11	5	6	6	2	4	14	3	11
San Juan	1	0	1	7	5	2	4	2	2	3	1	2	6	2	4	5	4	1	8	1	7
Southwest	13	7	6	41	22	19	67	38	29	77	43	34	124	68	56	145	82	63	236	106	130
Beaver	0	0	0	3	2	1	2	0	2	4	2	2	5	3	2	10	6	4	14	4	10
Garfield	0	0	0	1	1	0	2	1	1	3	0	3	2	0	2	7	2	5	13	7	6
Iron	0	0	0	5	3	2	14	9	5	10	7	3	23	11	12	24	15	9	31	11	20
Kane	2	0	2	4	1	3	5	4	1	4	3	1	8	3	5	6	4	2	21	10	11
Washington	11	7	4	28	15	13	44	24	20	56	31	25	86	51	35	98	55	43	157	74	83
Summit	3	2	1	5	4	1	4	4	0	6	1	5	6	3	3	11	4	7	20	8	12
Tooele	7	4	3	12	6	6	11	8	3	18	9	9	25	20	5	15	7	8	33	12	21
Uintah Basin	6	2	4	15	11	4	19	17	2	33	20	13	24	19	5	31	19	12	64	18	46
Daggett	0	0	0	0	0	0	0	0	0	0	0	0	1	1	0	2	1	1	0	0	0
Duchesne	2	1	1	4	4	0	9	9	0	16	12	4	6	6	0	10	6	4	30	9	21
Uintah	4	1	3	11	7	4	10	8	2	17	8	9	17	12	5	19	12	7	34	9	25
Utah County	47	23	24	70	38	32	85	49	36	145	73	72	171	82	89	238	124	114	355	124	231
Wasatch	3	1	2	7	3	4	7	6	1	6	2	4	10	2	8	11	5	6	23	8	15
Weber-Morgan	35	20	15	69	43	26	98	58	40	140	73	67	172	102	70	198	98	100	298	114	184
Morgan	1	1	0	0	0	0	5	4	1	5	2	3	6	6	0	4	0	4	8	7	1
Weber	34	19	15	69	43	26	93	54	39	135	71	64	166	96	70	194	98	96	290	107	183

Table A38a. Deaths by selected causes and county of residence: Utah, 1996

Cause of death (9th rev.)	ICD Codes	Total	County								
			Beaver	Box Elder	Cache	Carson	Daggett	Davis	Duchesne	Emery	Gefford
Total		10,974	45	236	351	164	3	858	101	54	32
Certain other intestinal infections	007-009	4	0	0	0	0	0	0	0	0	0
Tuberculosis	010-018	1	0	0	0	0	0	0	0	0	0
Tuberculosis of respiratory system	010-012	1	0	0	0	0	0	0	0	0	0
Septicemia	038	86	0	2	1	1	0	5	2	0	0
Viral hepatitis	070	19	0	0	0	0	0	1	0	0	0
All other infectious and parasitic diseases	001-003,005,020-032, 037,039-041,*042-*044, 046-054,056-066, 071-088,098-139	99	0	1	0	2	0	6	1	0	0
Malignant neoplasms	140-208	2,085	11	51	56	31	1	176	18	7	9
Malignant neoplasms of lip, oral cavity and pharynx	140-149	17	0	0	1	0	0	4	1	0	0
Malignant neoplasms of digestive organs and peritoneum	150-159	467	1	14	13	4	0	38	4	1	2
Malignant neoplasms of respiratory and intrathoracic organs	160-165	380	3	7	6	9	0	39	4	2	1
Malignant neoplasms of breast	174-175	191	2	5	1	2	0	21	2	0	0
Malignant neoplasms of genital organs	179-187	326	1	4	17	3	0	20	3	3	3
Malignant neoplasms of urinary organs	188-189	89	0	4	3	0	0	7	0	0	1
Malignant neoplasms of all other and unspecified sites	170-173,190-199	344	2	10	10	9	1	26	4	0	1
Leukemia	204-208	99	1	3	1	0	0	7	0	1	1
Other malignant neoplasms of lymphatic and hematopoietic tissues	200-203	172	1	4	4	4	0	14	0	0	0
Benign neoplasms, carcinoma in situ, and neoplasms of uncertain behavior and of unspecified nature	210-239	50	0	2	3	0	0	2	0	1	0
Diabetes mellitus	250	420	2	8	9	5	0	35	4	2	0
Nutritional deficiencies	260-269	26	0	0	1	0	0	2	3	0	0
Anemias	280-285	18	0	0	0	0	0	2	0	0	0
Meningitis	320-322	3	0	1	0	0	0	0	0	0	0
Major cardiovascular diseases	390-448	3,930	20	101	140	60	1	300	33	31	12
Diseases of heart	390-398,402, 404-429	2,827	19	75	96	45	1	204	24	24	9

Table A38a cont'd. Deaths by selected causes and county of residence: Utah, 1996

Cause of death (9th rev.)	ICD Codes	Total	County								
			Be av er	Box El der	Ca che	Ca rb on	Da gg ett	Da vis	Duc hes ne	Em er gy	Gar fie ld
Rheumatic fever and rheumatic heart disease	390-398	54	0	0	1	1	0	5	0	1	0
Hypertensive heart disease	402	101	0	0	3	0	0	6	1	0	0
Hypertensive heart and renal disease	404	3	0	0	0	0	0	0	0	0	0
Ischemic heart disease	410-414	1,631	9	50	58	25	0	115	15	8	4
Acute myocardial infarction	410	777	3	32	30	8	0	36	8	2	1
Other acute and subacute forms of ischemic heart disease	411	1	0	0	1	0	0	0	0	0	0
Angina pectoris	413	2	0	0	0	0	0	0	0	0	0
Old myocardial infarction and other forms of chronic ischemic heart disease	412,414	851	6	18	27	17	0	79	7	6	3
Other diseases of endocardium	424	127	0	7	7	0	0	8	1	0	1
All other forms of heart disease	415-423, 425-429	911	10	18	27	19	1	70	7	15	4
Hypertension with or without renal disease	401,403	57	0	0	2	0	0	3	0	1	1
Cerebrovascular diseases	430-438	849	1	22	36	13	0	77	8	3	1
Occlusion of cerebral arteries	434	67	0	2	0	0	0	5	0	0	0
All other and late effects of cerebrovascular disease	430,433, 435-438	782	1	20	36	13	0	72	8	3	1
Atherosclerosis	440	74	0	1	1	0	0	11	0	2	0
Other diseases of arteries, arterioles and capillaries	441-448	123	0	3	5	2	0	5	1	1	1
Acute bronchitis and bronchiolitis	##	1	0	0	0	0	0	0	0	0	0
Pneumonia and influenza	480-487	475	1	11	34	6	0	25	4	5	0
Pneumonia	480-486	469	1	11	33	6	0	25	4	5	0
Influenza	487	6	0	0	1	0	0	0	0	0	0
Chronic obstructive pulmonary diseases and allied conditions	490-496	458	0	8	11	12	0	34	6	2	1
Bronchitis, chronic and unspecified	490-491	12	0	0	0	0	0	1	0	0	0
Emphysema	492	93	0	4	1	2	0	9	1	0	0
Asthma	493	35	0	2	1	0	0	3	0	0	0
Other chronic obstructive pulmonary diseases and allied conditions	494-496	318	0	2	9	10	0	21	5	2	1
Ulcer of stomach and duodenum	531-533	29	0	0	2	0	0	3	0	0	0
Appendicitis	540-543	4	0	0	0	0	0	1	1	0	0

Table A38a cont'd. Deaths by selected causes and county of residence: Utah, 1996

Cause of death (9th rev.)	ICD Codes	Total	County								
			Be av er	Box El der	Ca che	Ca rb on	Da gg ett	Da vis	Duc hes ne	Em er gy	Gar fie ld
Hernia of abdominal cavity and intestinal obstruction without mention of hernia	550-553,560	50	0	1	0	0	0	4	0	0	0
Chronic liver disease and cirrhosis	571	87	0	1	1	4	0	7	0	0	0
Cholelithiasis and other disorders of gallbladder	574-575	23	0	0	0	0	0	2	0	0	0
Nephritis, nephrotic syndrome, and nephrosis	580-589	115	2	4	2	0	0	12	0	2	1
Acute glomerulonephritis and nephrotic syndrome	580-581	2	0	0	0	0	0	0	0	0	0
Chronic glomerulonephritis, nephritis and nephropathy, not specified as acute or chronic and renal sclerosis unspecified	582-583,587	7	0	0	0	0	0	1	0	0	0
Renal failure, disorders resulting from impaired renal function, and small kidney of unknown cause	584-586,588-589	106	2	4	2	0	0	11	0	2	1
Infections of kidney	590	4	0	0	0	0	0	0	0	0	0
Hyperplasia of prostate	600	5	0	0	0	0	0	1	0	0	0
Complications of pregnancy, childbirth and the puerperium	630-676	2	0	0	0	0	0	0	0	0	0
Other complications of pregnancy childbirth and the puerperium	640-676	2	0	0	0	0	0	0	0	0	0
Congenital anomalies	740-759	135	0	5	3	2	0	19	0	0	0
Certain conditions originating in the perinatal period	760-779	92	1	0	1	0	0	5	1	0	0
Birth Trauma, intrauterine hypoxia birth asphyxia, and respiratory distress syndrome	767-769	10	0	0	0	0	0	0	0	0	0
Other conditions originating in the perinatal period	760-766,770-779	82	1	0	1	0	0	5	1	0	0
Symptoms, signs, and ill-defined conditions	780-799	265	1	5	13	2	0	23	3	0	0
Accidents and adverse effects	E800-E949	587	2	5	17	11	0	53	5	2	5
Motor vehicle accidents	E810-E825	313	1	1	10	3	0	23	5	2	4
All other accidents and adverse effects	E800-E807, E826-E949	274	1	4	7	8	0	30	0	0	1
Suicide	E950-E959	288	0	1	10	3	0	23	7	1	0
Homicide and legal intervention	E960-E978	69	0	0	0	0	0	5	0	0	0
All other external causes	E980-E999	119	1	2	2	0	0	6	1	0	0
All other diseases	Residual	1,425	4	27	45	25	1	106	12	1	4

Table A38b. Deaths by selected causes and county of residence: Utah, 1996

Cause of death (9th rev.)	ICD Codes	County									
		Grand	Iron	Juab	Kane	Millard	Morgan	Piute	Rich	Salt Lake	San Juan
Total		53	144	51	58	102	31	14	9	4,736	53
Certain other intestinal infections	007-009	0	0	0	0	0	0	0	0	0	0
Tuberculosis	010-018	0	0	0	0	1	0	0	0	0	0
Tuberculosis of respiratory system	010-012	0	0	0	0	1	0	0	0	0	0
Septicemia	038	0	0	1	0	1	0	0	0	45	2
Viral hepatitis	070	0	0	0	1	0	0	0	0	9	0
All other infectious and parasitic diseases	001-003,005,020-032, 037,039-041,*042-*044, 046-054,056-066, 071-088,098-139	0	2	0	0	1	0	0	0	66	0
Malignant neoplasms	140-208	13	27	5	18	21	5	2	3	872	10
Malignant neoplasms of lip, oral cavity and pharynx	140-149	0	0	0	0	0	0	0	0	7	0
Malignant neoplasms of digestive organs and peritoneum	150-159	2	4	2	4	2	2	0	1	198	4
Malignant neoplasms of respiratory and intrathoracic organs	160-165	5	6	1	2	4	1	2	1	164	2
Malignant neoplasms of breast	174-175	2	4	0	0	3	0	0	0	74	1
Malignant neoplasms of genital organs	179-187	1	2	0	4	6	1	0	0	133	0
Malignant neoplasms of urinary organs	188-189	0	2	1	1	1	1	0	0	32	0
Malignant neoplasms of all other and unspecified sites	170-173,190-199	1	6	1	4	2	0	0	1	144	1
Leukemia	204-208	1	0	0	0	2	0	0	0	47	0
Other malignant neoplasms of lymphatic and hematopoietic tissues	200-203	1	3	0	3	1	0	0	0	73	2
Benign neoplasms, carcinoma in situ, and neoplasms of uncertain behavior and of unspecified nature	210-239	1	0	0	0	2	0	0	0	24	0
Diabetes mellitus	250	2	5	2	1	3	1	0	0	191	0
Nutritional deficiencies	260-269	0	0	0	0	0	0	0	0	6	0
Anemias	280-285	0	1	0	0	2	0	0	0	8	0
Meningitis	320-322	0	0	0	0	0	0	0	0	2	0
Major cardiovascular diseases	390-448	17	48	22	24	42	18	7	4	1,591	13
Diseases of heart	390-398,402, 404-429	10	42	13	19	31	13	5	4	1,141	10

Table A38b cont'd. Deaths by selected causes and county of residence: Utah, 1996

Cause of death (9th rev.)	ICD Codes	County									
		Grand	Iron	Juab	Kane	Millard	Morgan	Piute	Rich	Salt Lake	San Juan
Rheumatic fever and rheumatic heart disease	390-398	0	1	0	0	0	0	0	0	26	0
Hypertensive heart disease	402	0	0	0	0	1	0	0	0	57	0
Hypertensive heart and renal disease	404	0	0	0	0	0	0	0	0	1	0
Ischemic heart disease	410-414	6	30	8	8	24	10	3	2	640	9
Acute myocardial infarction	410	2	19	5	3	16	2	2	1	306	8
Other acute and subacute forms of ischemic heart disease	411	0	0	0	0	0	0	0	0	0	0
Angina pectoris	413	0	0	0	0	1	0	0	0	1	0
Old myocardial infarction and other forms of chronic ischemic heart disease	412,414	4	11	3	5	7	8	1	1	333	1
Other diseases of endocardium	424	0	2	1	1	0	0	0	0	60	0
All other forms of heart disease	415-423, 425-429	4	9	4	10	6	3	2	2	357	1
Hypertension with or without renal disease	401,403	1	1	0	0	1	1	0	0	26	0
Cerebrovascular diseases	430-438	5	4	9	4	9	4	1	0	340	3
Occlusion of cerebral arteries	434	1	0	0	0	0	0	0	0	42	0
All other and late effects of cerebrovascular disease	430,433, 435-438	4	4	9	4	9	4	1	0	298	3
Atherosclerosis	440	0	0	0	0	0	0	1	0	37	0
Other diseases of arteries, arterioles and capillaries	441-448	1	1	0	1	1	0	0	0	47	0
Acute bronchitis and bronchiolitis	##	0	0	0	0	0	0	0	0	1	0
Pneumonia and influenza	480-487	3	4	4	2	5	2	0	0	197	5
Pneumonia	480-486	3	4	4	2	5	2	0	0	194	5
Influenza	487	0	0	0	0	0	0	0	0	3	0
Chronic obstructive pulmonary diseases and allied conditions	490-496	4	7	0	2	3	2	2	1	200	1
Bronchitis, chronic and unspecified	490-491	0	0	0	0	0	0	0	0	9	0
Emphysema	492	0	1	0	2	0	0	0	0	50	0
Asthma	493	0	0	0	0	0	0	1	0	17	0
Other chronic obstructive pulmonary diseases and allied conditions	494-496	4	6	0	0	3	2	1	1	124	1
Ulcer of stomach and duodenum	531-533	0	0	0	0	0	0	0	0	15	0
Appendicitis	540-543	0	0	0	0	0	0	0	0	1	0

Table A38b cont'd. Deaths by selected causes and county of residence: Utah, 1996

Cause of death (9th rev.)	ICD Codes	County									
		Grand	Iron	Juab	Kane	Millard	Morgan	Piute	Rich	Salt Lake	San Juan
Hernia of abdominal cavity and intestinal obstruction without mention of hernia	550-553,560	0	2	0	0	0	0	0	0	24	0
Chronic liver disease and cirrhosis	571	0	0	0	0	1	0	0	0	44	2
Cholelithiasis and other disorders of gallbladder	574-575	0	1	0	0	0	0	0	0	13	0
Nephritis, nephrotic syndrome, and nephrosis	580-589	0	4	0	1	2	1	0	0	41	1
Acute glomerulonephritis and nephrotic syndrome	580-581	0	0	0	0	0	0	0	0	2	0
Chronic glomerulonephritis, nephritis and nephropathy, not specified as acute or chronic and renal sclerosis unspecified	582-583,587	0	0	0	0	0	0	0	0	6	0
Renal failure, disorders resulting from impaired renal function, and small kidney of unknown cause	584-586,588-589	0	4	0	1	2	1	0	0	33	1
Infections of kidney	590	0	0	0	0	0	0	0	0	1	0
Hyperplasia of prostate	600	0	0	0	0	0	0	0	0	2	0
Complications of pregnancy, childbirth and the puerperium	630-676	0	0	0	0	0	0	0	0	1	0
Other complications of pregnancy childbirth and the puerperium	640-676	0	0	0	0	0	0	0	0	1	0
Congenital anomalies	740-759	0	3	0	0	0	0	0	0	55	0
Certain conditions originating in the perinatal period	760-779	0	2	0	1	0	0	0	0	38	0
Birth Trauma, intrauterine hypoxia birth asphyxia, and respiratory distress syndrome	767-769	0	1	0	0	0	0	0	0	3	0
Other conditions originating in the perinatal period	760-766,770-779	0	1	0	1	0	0	0	0	35	0
Symptoms, signs, and ill-defined conditions	780-799	4	3	2	2	0	0	0	0	141	0
Accidents and adverse effects	E800-E949	2	12	5	3	5	1	0	1	229	9
Motor vehicle accidents	E810-E825	1	8	0	0	1	0	0	1	118	6
All other accidents and adverse effects	E800-E807, E826-E949	1	4	5	3	4	1	0	0	111	3
Suicide	E950-E959	0	3	1	0	2	0	0	0	153	3
Homicide and legal intervention	E960-E978	0	0	0	0	0	0	0	0	43	2
All other external causes	E980-E999	0	2	1	0	1	0	0	0	69	1
All other diseases	Residual	7	18	8	3	10	1	3	0	654	41

Table A38c. Deaths by selected causes and county of residence: Utah, 1996

Cause of death (9th rev.)	ICD Codes	County									
		San pete	Sev ier	Sum mit	Too ele	Uin tah	Utah	Wa satch	Wash ing ton	Way ne	We ber
Total		153	149	82	164	147	1,369	77	545	20	1,173
Certain other intestinal infections	007-009	0	0	0	0	0	3	0	0	0	1
Tuberculosis	010-018	0	0	0	0	0	0	0	0	0	0
Tuberculosis of respiratory system	010-012	0	0	0	0	0	0	0	0	0	0
Septicemia	038	0	1	0	0	2	7	1	6	1	8
Viral hepatitis	070	0	0	0	0	0	3	0	1	0	4
All other infectious and parasitic diseases	001-003,005,020-032, 037,039-041,*042-*044, 046-054,056-066, 071-088,098-139	0	1	2	2	1	5	1	3	0	5
Malignant neoplasms	140-208	27	26	15	37	28	264	12	135	3	202
Malignant neoplasms of lip, oral cavity and pharynx	140-149	0	0	0	0	0	2	0	1	0	1
Malignant neoplasms of digestive organs and peritoneum	150-159	9	9	3	8	5	57	3	35	0	42
Malignant neoplasms of respiratory and intrathoracic organs	160-165	4	4	2	7	8	26	3	30	1	36
Malignant neoplasms of breast	174-175	1	1	2	5	1	34	3	9	1	17
Malignant neoplasms of genital organs	179-187	6	6	3	7	7	42	1	21	0	32
Malignant neoplasms of urinary organs	188-189	2	0	1	0	0	14	0	8	0	11
Malignant neoplasms of all other and unspecified sites	170-173,190-199	3	3	2	7	6	46	2	18	0	34
Leukemia	204-208	2	1	2	0	0	15	0	3	1	11
Other malignant neoplasms of lymphatic and hematopoietic tissues	200-203	0	2	0	3	1	28	0	10	0	18
Benign neoplasms, carcinoma in situ, and neoplasms of uncertain behavior and of unspecified nature	210-239	1	1	1	1	0	3	0	4	0	4
Diabetes mellitus	250	5	10	1	2	2	47	4	22	1	56
Nutritional deficiencies	260-269	0	1	1	0	2	4	0	0	0	6
Anemias	280-285	0	0	0	0	0	0	0	0	0	5
Meningitis	320-322	0	0	0	0	0	0	0	0	0	0
Major cardiovascular diseases	390-448	65	60	25	53	53	503	27	194	8	458
Diseases of heart	390-398,402, 404-429	47	36	17	46	41	358	22	133	8	334

Table A38c cont'd. Deaths by selected causes and county of residence: Utah, 1996

Cause of death (9th rev.)	ICD Codes	County									
		San pete	Sev er	Sum mit	Too ele	Uin tah	Utah	Wa satch	Wash ing ton	Way ne	We ber
Rheumatic fever and rheumatic heart disease	390-398	2	1	0	0	0	6	0	2	0	8
Hypertensive heart disease	402	2	2	1	1	1	12	1	5	0	8
Hypertensive heart and renal disease	404	0	0	0	0	0	2	0	0	0	0
Ischemic heart disease	410-414	27	23	5	24	25	215	8	84	6	190
Acute myocardial infarction	410	19	20	4	11	19	96	5	40	3	76
Other acute and subacute forms of ischemic heart disease	411	0	0	0	0	0	0	0	0	0	0
Angina pectoris	413	0	0	0	0	0	0	0	0	0	0
Old myocardial infarction and other forms of chronic ischemic heart disease	412,414	8	3	1	13	6	119	3	44	3	114
Other diseases of endocardium	424	2	0	1	2	2	17	0	4	0	11
All other forms of heart disease	415-423, 425-429	14	10	10	19	13	106	13	38	2	117
Hypertension with or without renal disease	401,403	0	1	0	1	1	10	0	4	0	3
Cerebrovascular diseases	430-438	12	23	5	3	7	111	3	46	0	99
Occlusion of cerebral arteries	434	2	1	0	0	0	9	0	2	0	3
All other and late effects of cerebrovascular disease	430,433, 435-438	10	22	5	3	7	102	3	44	0	96
Atherosclerosis	440	1	0	1	0	0	8	2	1	0	8
Other diseases of arteries, arterioles and capillaries	441-448	5	0	2	3	4	16	0	10	0	14
Acute bronchitis and bronchiolitis	##	0	0	0	0	0	0	0	0	0	0
Pneumonia and influenza	480-487	9	7	1	7	5	71	6	16	3	42
Pneumonia	480-486	8	7	1	7	5	70	6	16	3	42
Influenza	487	1	0	0	0	0	1	0	0	0	0
Chronic obstructive pulmonary diseases and allied conditions	490-496	8	3	1	8	10	48	3	28	0	53
Bronchitis, chronic and unspecified	490-491	0	0	0	0	0	2	0	0	0	0
Emphysema	492	2	0	0	2	4	6	1	0	0	8
Asthma	493	1	0	0	0	1	1	0	5	0	3
Other chronic obstructive pulmonary diseases and allied conditions	494-496	5	3	1	6	5	39	2	23	0	42
Ulcer of stomach and duodenum	531-533	0	0	0	0	0	5	0	1	0	3
Appendicitis	540-543	0	0	0	0	0	0	0	1	0	0

Table A38c cont'd. Deaths by selected causes and county of residence: Utah, 1996

Cause of death (9th rev.)	ICD Codes	County									
		San pete	Sev er	Sum mit	Too ele	Uin tah	Utah	Wa satch	Wash ing ton	Way ne	We ber
Hernia of abdominal cavity and intestinal obstruction without mention of hernia	550-553,560	2	0	0	0	0	11	1	4	0	1
Chronic liver disease and cirrhosis	571	0	1	1	1	1	10	1	4	0	8
Cholelithiasis and other disorders of gallbladder	574-575	0	0	0	0	2	3	0	1	0	1
Nephritis, nephrotic syndrome, and nephrosis	580-589	6	0	0	4	1	9	1	7	0	14
Acute glomerulonephritis and nephrotic syndrome	580-581	0	0	0	0	0	0	0	0	0	0
Chronic glomerulonephritis, nephritis and nephropathy, not specified as acute or chronic and renal sclerosis unspecified	582-583,587	0	0	0	0	0	0	0	0	0	0
Renal failure, disorders resulting from impaired renal function, and small kidney of unknown cause	584-586,588-589	6	0	0	4	1	9	1	7	0	14
Infections of kidney	590	0	0	0	0	0	1	0	0	0	2
Hyperplasia of prostate	600	0	1	0	0	0	1	0	0	0	0
Complications of pregnancy, childbirth and the puerperium	630-676	0	0	0	0	0	0	0	0	0	1
Other complications of pregnancy childbirth and the puerperium	640-676	0	0	0	0	0	0	0	0	0	1
Congenital anomalies	740-759	1	3	1	2	2	18	3	4	0	14
Certain conditions originating in the perinatal period	760-779	0	4	3	0	0	18	0	2	0	16
Birth Trauma, intrauterine hypoxia birth asphyxia, and respiratory distress syndrome	767-769	0	0	0	0	0	4	0	1	0	1
Other conditions originating in the perinatal period	760-766,770-779	0	4	3	0	0	14	0	1	0	15
Symptoms, signs, and ill-defined conditions	780-799	1	2	2	4	2	18	3	18	0	16
Accidents and adverse effects	E800-E949	9	8	11	8	15	92	5	23	0	49
Motor vehicle accidents	E810-E825	4	4	7	6	8	61	2	13	0	24
All other accidents and adverse effects	E800-E807, E826-E949	5	4	4	2	7	31	3	10	0	25
Suicide	E950-E959	4	0	3	5	4	24	2	7	0	32
Homicide and legal intervention	E960-E978	0	1	2	0	2	8	0	1	0	5
All other external causes	E980-E999	0	0	1	3	2	9	0	1	0	17
All other diseases	Residual	51	9	112	7	131	84	7	62	41	50

Table A39. Deaths by selected causes and age, residents: Utah, 1996

Cause of death (9th rev.)	ICD Code	All ages	Age										75 and over	Unknown
			Under 1	1-4	5-14	15-24	25-34	35-44	45-54	55-64	65-74	1,941		
Total		10,974	250	47	78	298	317	506	591	959	1,941	5,985	2	
Certain other intestinal infections	007-009	4	1	0	0	0	0	1	0	0	0	2	0	
Tuberculosis	010-018	1	0	0	0	0	0	1	0	0	0	0	0	
Tuberculosis of respiratory system	010-012	1	0	0	0	0	0	1	0	0	0	0	0	
Septicemia	038	86	7	1	0	0	1	2	6	7	18	44	0	
Viral hepatitis	070	19	0	0	1	0	1	4	2	2	3	6	0	
All other infectious and parasitic diseases	001-003,005,020-032, 037,039-041,*042-*044, 046-054,056-066, 071-088,098-139	99	2	0	0	2	20	36	15	10	9	5	0	
Malignant neoplasms	140-208	2,085	0	3	10	23	39	80	171	337	556	866	0	
Malignant neoplasms of lip, oral cavity and pharynx	140-149	17	0	0	0	0	1	1	3	3	3	6	0	
Malignant neoplasms of digestive organs and peritoneum	150-159	467	0	0	0	2	4	14	36	80	125	206	0	
Malignant neoplasms of respiratory and intrathoracic organs	160-165	380	0	0	0	0	2	7	33	79	128	131	0	
Malignant neoplasms of breast	174-175	191	0	0	0	0	3	17	29	32	45	65	0	
Malignant neoplasms of genital organs	179-187	326	0	0	0	0	5	7	21	35	82	176	0	
Malignant neoplasms of urinary organs	188-189	89	0	0	0	0	1	2	2	13	30	41	0	
Malignant neoplasms of all other and unspecified sites	170-173,190-199	344	0	2	6	11	15	19	30	55	81	125	0	
Leukemia	204-208	99	0	1	4	7	5	5	5	11	16	45	0	
Other malignant neoplasms of lymphatic and hematopoietic tissues	200-203	172	0	0	0	3	3	8	12	29	46	71	0	
Benign neoplasms, carcinoma in situ, and neoplasms of uncertain behavior and of unspecified nature	210-239	50	1	0	2	3	2	2	3	8	5	24	0	
Diabetes mellitus	250	420	0	0	0	1	5	22	22	47	110	213	0	
Nutritional deficiencies	260-269	26	0	0	0	0	0	0	0	2	2	22	0	
Anemias	280-285	18	1	0	1	0	0	0	0	0	3	13	0	
Meningitis	320-322	3	0	0	1	0	1	0	0	0	0	1	0	
Major cardiovascular diseases	390-448	3,930	2	1	3	6	16	57	150	278	695	2,722	0	
Diseases of heart	390-398,402, 404-429	2,827	1	0	3	4	11	43	125	232	530	1,878	0	

Table A39. Deaths by selected causes and age, residents: Utah, 1996

Cause of death (9th rev.)	ICD Code	All ages	Age										75 and over	Unknown
			Under 1	1-4	5-14	15-24	25-34	35-44	45-54	55-64	65-74			
Rheumatic fever and rheumatic heart disease	390-398	54	0	0	0	0	0	4	5	5	14	26	0	
Hypertensive heart disease	402	101	0	0	0	0	0	0	9	14	16	62	0	
Hypertensive heart and renal disease	404	3	0	0	0	0	0	0	0	0	0	3	0	
Ischemic heart disease	410-414	1,631	0	0	0	0	2	25	72	150	338	1,044	0	
Acute myocardial infarction	410	777	0	0	0	0	1	15	36	74	173	478	0	
Other acute and subacute forms of ischemic heart disease	411	1	0	0	0	0	0	0	0	0	0	1	0	
Angina pectoris	413	2	0	0	0	0	0	0	0	0	0	0	2	0
Old myocardial infarction and other forms of chronic ischemic heart disease	412,414	851	0	0	0	0	1	10	36	76	165	563	0	
Other diseases of endocardium	424	127	0	0	0	0	0	3	3	7	19	95	0	
All other forms of heart disease	415-423, 425-429	911	1	0	3	4	9	11	36	56	143	648	0	
Hypertension with or without renal disease	401,403	57	0	0	0	0	0	2	0	3	7	45	0	
Cerebrovascular diseases	430-438	849	1	1	0	1	1	9	20	28	125	663	0	
Occlusion of cerebral arteries	434	67	0	0	0	0	0	3	1	3	7	53	0	
All other and late effects of cerebrovascular disease	430,433, 435-438	782	1	1	0	1	1	6	19	25	118	610	0	
Atherosclerosis	440	74	0	0	0	0	0	0	0	2	3	69	0	
Other diseases of arteries arterioles and capillaries	441-448	123	0	0	0	1	4	3	5	13	30	67	0	
Acute bronchitis and bronchiolitis	##	1	0	0	0	0	0	0	0	0	0	1	0	
Pneumonia and influenza	480-487	475	6	1	1	0	4	12	11	17	46	377	0	
Pneumonia	480-486	469	5	1	1	0	4	12	11	17	46	372	0	
Influenza	487	6	1	0	0	0	0	0	0	0	0	5	0	
Chronic obstructive pulmonary diseases and allied conditions	490-496	458	1	0	3	0	2	2	8	50	125	267	0	
Bronchitis, chronic and unspecified	490-491	12	1	0	0	0	0	0	0	3	2	6	0	
Emphysema	492	93	0	0	0	0	0	1	2	12	40	38	0	
Asthma	493	35	0	0	3	0	2	1	2	0	8	19	0	
Other chronic obstructive pulmonary diseases and allied conditions	494-496	318	0	0	0	0	0	0	4	35	75	204	0	
Ulcer of stomach and duodenum	531-533	29	0	0	0	1	0	1	3	1	3	20	0	
Appendicitis	540-543	4	0	1	0	0	0	1	0	0	0	2	0	

Table A39. Deaths by selected causes and age, residents: Utah, 1996

Cause of death (9th rev.)	ICD Code	All ages	Age										75 and over	Unknown
			Under 1	1-4	5-14	15-24	25-34	35-44	45-54	55-64	65-74			
Hernia of abdominal cavity and intestinal obstruction without mention of hernia	550-553,560	50	1	0	0	0	0	0	2	4	6	37	0	
Chronic liver disease and cirrhosis	571	87	0	0	0	0	2	15	15	13	23	19	0	
Cholelithiasis and other disorders of gallbladder	574-575	23	0	0	0	0	0	2	0	1	1	19	0	
Nephritis, nephrotic syndrome, and nephrosis	580-589	115	0	0	0	0	2	3	6	4	20	80	0	
Acute glomerulonephritis and nephrotic syndrome	580-581	2	0	0	0	0	0	0	0	0	1	1	0	
Chronic glomerulonephritis, nephritis and nephropathy, not specified as acute or chronic and renal sclerosis unspecified	582-583,587	7	0	0	0	0	1	0	1	0	0	5	0	
Renal failure, disorders resulting from impaired renal function, and small kidney of unknown cause	584-586,588-589	106	0	0	0	0	1	3	5	4	19	74	0	
Infections of kidney	590	4	0	0	0	0	1	0	0	0	0	3	0	
Hyperplasia of prostate	600	5	0	0	0	0	0	0	0	0	2	3	0	
Complications of pregnancy, childbirth and the puerperium	630-676	2	0	0	0	0	1	1	0	0	0	0	0	
Other complications of pregnancy, childbirth and the puerperium	640-676	2	0	0	0	0	1	1	0	0	0	0	0	
Congenital anomalies	740-759	135	88	6	2	6	2	5	7	3	8	8	0	
Certain conditions originating in the perinatal period	760-779	92	90	0	1	0	0	0	0	0	0	0	1	
Birth trauma, intrauterine hypoxia, birth asphyxia, and respiratory distress syndrome	767-769	10	10	0	0	0	0	0	0	0	0	0	0	
Other conditions originating in the perinatal period	760-766,770-779	82	80	0	1	0	0	0	0	0	0	0	1	
Symptoms, signs, and ill-defined conditions	780-799	265	27	2	1	2	6	7	10	16	50	144	0	
Accidents and adverse effects	E800-E949	587	8	21	34	132	70	82	51	34	42	113	0	
Motor vehicle accidents	E810-E825	313	2	15	23	96	51	42	22	19	20	23	0	
All other accidents and adverse effects	E800-E807, E826-E949	274	6	6	11	36	19	40	29	15	22	90	0	
Suicide	E950-E959	288	0	0	4	66	66	63	36	14	20	19	0	
Homicide and legal intervention	E960-E978	69	1	3	5	22	18	10	1	4	3	2	0	
All other external causes	E980-E999	119	6	2	4	12	35	38	16	2	0	4	0	
All other diseases	Residual	1,425	8	6	5	22	23	59	56	105	191	949	1	

Table A40. Deaths by health district, county of occurrence and place where death occurred, residents: Utah, 1996

District and county	Total	Place of death						
		Hospital	Home	Enroute	Nursing home	Clinic or office	Other place	Not stated
Total	11,492	4,676	3,540	304	2,622	14	336	0
Bear River	563	184	171	17	178	0	13	0
Box Elder	207	59	69	8	66	0	5	0
Cache	352	125	99	9	112	0	7	0
Rich	4	0	3	0	0	0	1	0
Central Utah	398	130	120	14	99	0	35	0
Juab	67	19	16	1	26	0	5	0
Millard	82	37	19	5	8	0	13	0
Piute	6	0	4	0	0	0	2	0
Sanpete	115	45	46	6	11	0	7	0
Sevier	123	29	30	2	54	0	8	0
Wayne	5	0	5	0	0	0	0	0
Davis	783	270	289	12	195	0	17	0
Salt Lake	5,346	2,384	1,573	143	1,149	5	92	0
Southeastern	327	109	91	8	93	2	24	0
Carbon	166	59	48	3	52	2	2	0
Emery	36	0	19	0	8	0	9	0
Grand	52	26	20	1	0	0	5	0
San Juan	73	24	4	4	33	0	8	0
Southwest	853	322	280	21	186	0	44	0
Beaver	48	40	4	3	0	0	1	0
Garfield	35	25	3	2	0	0	5	0
Iron	124	34	48	8	23	0	11	0
Kane	53	25	17	2	0	0	9	0
Washington	593	198	208	6	163	0	18	0
Summit	52	0	34	0	0	3	15	0
Tooele	137	28	52	3	28	1	25	0
Uintah Basin	219	78	69	10	50	0	12	0
Daggett	2	0	1	0	0	0	1	0
Duchesne	102	42	30	5	19	0	6	0
Uintah	115	36	38	5	31	0	5	0
Utah County	1,456	604	476	32	313	1	30	0
Wasatch	73	23	24	7	13	0	6	0
Weber-	1,285	544	361	37	318	2	23	0
Morgan	18	0	14	0	0	1	3	0
Weber	1,267	544	347	37	318	1	20	0

Table A41. Deaths from injuries due to violence by health district, county of residence and cause: Utah, 1996

District and county	Total	Cause of death (9th rev.)					Undetermined if injury was inflicted accidentally or purposely E980-E989	
		Accidents		Homicide E960-E979	Suicide E950-E959			
		motor vehicle E810-E825	All other E800-E809 E826-E949					
Total	1,063	313	274	69	288	119		
Bear River	38	12	11	0	11	4		
Box Elder	8	1	4	0	1	2		
Cache	29	10	7	0	10	2		
Rich	1	1	0	0	0	0		
Central Utah	37	9	18	1	7	2		
Juab	7	0	5	0	1	1		
Millard	8	1	4	0	2	1		
Piute	0	0	0	0	0	0		
Sanpete	13	4	5	0	4	0		
Sevier	9	4	4	1	0	0		
Wayne	0	0	0	0	0	0		
Davis	87	23	30	5	23	6		
Salt Lake	494	118	111	43	153	69		
Southeastern	34	12	12	2	7	1		
Carbon	14	3	8	0	3	0		
Emery	3	2	0	0	1	0		
Grand	2	1	1	0	0	0		
San Juan	15	6	3	2	3	1		
Southwest	60	26	19	1	10	4		
Beaver	3	1	1	0	0	1		
Garfield	5	4	1	0	0	0		
Iron	17	8	4	0	3	2		
Kane	3	0	3	0	0	0		
Washington	32	13	10	1	7	1		
Summit	17	7	4	2	3	1		
Tooele	16	6	2	0	5	3		
Uintah Basin	36	13	7	2	11	3		
Daggett	0	0	0	0	0	0		
Duchesne	13	5	0	0	7	1		
Uintah	23	8	7	2	4	2		
Utah County	133	61	31	8	24	9		
Wasatch	7	2	3	0	2	0		
Weber-Morgan	104	24	26	5	32	17		
Morgan	1	0	1	0	0	0		
Weber	103	24	25	5	32	17		

Table A42. Deaths from injuries due to violence by age, gender and cause, residents: Utah, 1996

Age and gender	Total	Cause of death (9th rev.)					Undetermined if injury was inflicted accidentally or purposely E980-E989	
		Accidents		Homicide E960-E979	Suicide E950-E959	Undetermined if injury was inflicted accidentally or purposely E980-E989		
		Motor vehicle E810-E825	All other E800-E809 E826-E949					
Total	1,063	313	274	69	288	119		
Male	775	204	189	47	238	97		
Female	288	109	85	22	50	22		
Under 15	88	40	23	9	4	12		
Male	61	25	18	7	3	8		
Female	27	15	5	2	1	4		
15-19	124	50	23	13	36	2		
Male	99	38	21	10	28	2		
Female	25	12	2	3	8	0		
20-24	108	46	13	9	30	10		
Male	88	35	12	5	26	10		
Female	20	11	1	4	4	0		
25-34	189	51	19	18	66	35		
Male	159	41	17	12	61	28		
Female	30	10	2	6	5	7		
35-44	193	42	40	10	63	38		
Male	137	19	29	6	51	32		
Female	56	23	11	4	12	6		
45-54	104	22	29	1	36	16		
Male	80	16	27	0	24	13		
Female	24	6	2	1	12	3		
55-64	54	19	15	4	14	2		
Male	35	11	10	4	9	1		
Female	19	8	5	0	5	1		
65-74	65	20	22	3	20	0		
Male	42	10	11	3	18	0		
Female	23	10	11	0	2	0		
75-84	77	17	41	2	15	2		
Male	46	7	24	0	14	1		
Female	31	10	17	2	1	1		
85 and over	61	6	49	0	4	2		
Male	28	2	20	0	4	2		
Female	33	4	29	0	0	0		

Table A43. Deaths from injuries due to violence by race, gender and cause, residents: Utah, 1996

Race and gender	Total	Cause of death (9th rev.)				
		Accidents		Undetermined if injury was inflicted accidentally or purposely		
		Motor vehicle	All other	Homicide	Suicide	E980-E989
Total	1,063	313	274	69	288	119
White	1,002	287	269	57	275	114
Male	734	187	185	39	231	92
Female	268	100	84	18	44	22
Black	13	3	0	3	2	5
Male	13	3	0	3	2	5
Female	0	0	0	0	0	0
American	27	12	3	5	7	0
Male	12	6	2	2	2	0
Female	15	6	1	3	5	0
Other race	20	11	2	3	4	0
Male	15	8	2	2	3	0
Female	5	3	0	1	1	0
Race unknown	1	0	0	1	0	0
Male	1	0	0	1	0	0
Female	0	0	0	0	0	0

Table A44. Deaths from injuries due to accidents by cause and month, occurrences: Utah, 1996

Cause of accident	ICD Code	Total	Month											
			Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
Total		651	52	36	49	36	40	62	69	71	61	59	62	54
Railway	E800-E807	6	1	0	0	1	1	0	1	0	1	0	1	0
Motor vehicle	E810-E825	364	31	8	35	22	26	36	34	45	34	31	31	31
Water transport	E830-E838	6	0	0	0	0	2	0	1	0	2	1	0	0
Air and space transport	E840-E845	9	1	0	0	0	2	2	0	0	0	4	0	0
Poisoning	E850-E869	31	4	4	1	0	0	3	2	3	2	2	6	4
Falls	E880-E888	104	8	10	4	4	3	10	15	7	13	11	13	6
Fire and flames	E890-E899	12	0	0	1	2	0	1	1	0	2	1	2	2
Nature and environment	E900-E909	18	4	7	1	0	0	0	1	1	1	0	1	2
Drowning and submersion	E910	14	0	1	1	1	2	2	4	3	0	0	0	0
Inhalation and ingestion of food causing obstruction or suffocation	E911	2	0	0	0	0	0	0	0	1	0	0	0	1
Inhalation and ingestion of other object causing obstruction or suffocation	E912	6	0	0	0	0	0	0	2	1	1	1	1	0
Mechanical suffocation	E913	13	1	0	2	2	1	1	0	0	1	5	0	0
Hit by object	E916-E918	15	0	0	2	1	0	2	4	1	1	0	3	1
Explosive materials	E923	3	1	0	0	0	0	2	0	0	0	0	0	0
Electric current	E925	2	0	1	0	0	0	0	1	0	0	0	0	0
Machinery	E919	5	0	0	0	0	1	1	0	0	1	1	0	1
Late effects of accidental injury	E929	8	0	1	1	2	0	1	1	0	0	0	1	1
Surgical and medical	E870-E876	7	1	3	0	0	2	0	0	1	0	0	0	0
Other		26	0	1	1	1	0	1	2	8	2	2	3	5

Table A45. Deaths from injuries due to accidents by cause, age and gender, occurrences: Utah, 1996

Cause of accident	ICD Code	Age and gender																										
		Total			Under 15			15-19			20-24			25-34			35-44			45-54			55-64			65 and over		
		Total	Male	Female	T	M	F	T	M	F	T	M	F	T	M	F	T	M	F	T	M	F	T	M	F	T	M	
Total		651	437	214	71	47	24	81	66	15	69	55	14	75	61	14	87	53	34	54	45	9	46	31	15	168	79	89
Railway	E800-E807	6	4	2	1	1	0	1	0	1	0	0	0	2	2	0	1	1	0	0	0	0	0	0	1	0	1	
Motor vehicle	E810-E825	364	238	126	47	28	19	55	42	13	54	41	13	56	45	11	51	26	25	25	18	7	28	18	10	48	20	28
Water transport	E830-E838	6	5	1	2	1	1	0	0	0	0	0	0	1	1	0	1	1	0	2	2	0	0	0	0	0	0	
Air and space transport	E840-E845	9	8	1	0	0	0	0	0	0	0	0	0	3	2	1	2	2	0	2	2	0	1	1	0	1	1	
Poisoning	E850-E869	31	19	12	2	0	2	2	2	0	0	0	0	1	1	0	11	8	3	8	6	2	2	1	1	5	1	4
Falls	E880-E888	104	60	44	1	1	0	6	6	0	6	6	0	4	2	2	3	2	1	2	2	0	4	3	1	78	38	40
Fire and flames	E890-E899	12	8	4	1	1	0	1	1	0	1	1	0	1	1	0	4	2	2	0	0	0	1	1	0	3	1	2
Nature and environment	E900-E909	18	15	3	1	1	0	3	2	1	3	3	0	1	1	0	5	4	1	1	1	0	1	1	0	3	2	1
Drowning and submersion	E910	14	13	1	5	5	0	2	2	0	1	1	0	1	1	0	2	1	1	2	2	0	0	0	1	1	0	
Inhalation and ingestion of food causing obstruction or suffocation	E911	2	1	1	0	0	0	1	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	1	
Inhalation and ingestion of other object causing obstruction or suffocation	E912	6	5	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	6	5	1
Mechanical suffocation	E913	13	10	3	4	2	2	5	5	0	1	1	0	0	0	0	1	1	0	1	1	0	1	0	1	0	0	0
Hit by object	E916-E918	15	14	1	1	1	0	2	2	0	2	2	0	3	3	0	2	1	1	3	3	0	1	1	0	1	1	0
Explosive materials	E923	3	3	0	0	0	0	0	0	0	0	0	0	1	1	0	0	0	1	1	0	0	1	1	0	1	1	0
Electric current	E925	2	2	0	1	1	0	0	0	0	0	0	0	0	0	0	0	0	1	1	0	0	0	0	0	0	0	
Machinery	E919	5	5	0	0	0	0	0	0	0	0	0	0	2	2	0	1	1	0	2	2	0	0	0	0	0	0	
Late effects of accidental injury	E929	8	8	0	2	2	0	0	0	0	0	0	0	0	1	1	0	3	3	0	1	1	0	1	1	0		
Surgical and medical	E870-E876	7	2	5	1	1	0	1	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	5	0	5	
Other		26	17	9	2	2	0	2	2	0	1	0	1	0	0	0	1	1	0	2	2	0	5	3	2	13	7	6

Table A46a. Deaths to decedents of Spanish origin by selected causes and county of residence: Utah, 1996

Cause of death (9th rev.)	ICD Codes	Total	County								
			Beaver	Box Elder	Cache	Carson	Daggett	Davis	Duchesne	Emery	Gefford
Total		385	0	7	4	14	0	22	2	1	0
Certain other intestinal infections	007-009	1	0	0	0	0	0	0	0	0	0
Tuberculosis	010-018	0	0	0	0	0	0	0	0	0	0
Tuberculosis of respiratory system	010-012	0	0	0	0	0	0	0	0	0	0
Septicemia	038	3	0	0	0	0	0	0	0	0	0
Viral hepatitis	070	1	0	0	0	0	0	0	0	0	0
All other infectious and parasitic diseases	001-003,005,020-032, 037,039-041,*042-*044, 046-054,056-066, 071-088,098-139	9	0	0	0	0	0	0	0	0	0
Malignant neoplasms	140-208	64	0	1	0	2	0	4	0	0	0
Malignant neoplasms of lip, oral cavity and pharynx	140-149	0	0	0	0	0	0	0	0	0	0
Malignant neoplasms of digestive organs and peritoneum	150-159	18	0	1	0	1	0	1	0	0	0
Malignant neoplasms of respiratory and intrathoracic organs	160-165	11	0	0	0	0	0	1	0	0	0
Malignant neoplasms of breast	174-175	6	0	0	0	0	0	0	0	0	0
Malignant neoplasms of genital organs	179-187	7	0	0	0	0	0	0	0	0	0
Malignant neoplasms of urinary organs	188-189	3	0	0	0	0	0	0	0	0	0
Malignant neoplasms of all other and unspecified sites	170-173,190-199	12	0	0	0	1	0	1	0	0	0
Leukemia	204-208	3	0	0	0	0	0	0	0	0	0
Other malignant neoplasms of lymphatic and hematopoietic tissues	200-203	4	0	0	0	0	0	1	0	0	0
Benign neoplasms, carcinoma in situ, and neoplasms of uncertain behavior and of unspecified nature	210-239	0	0	0	0	0	0	0	0	0	0
Diabetes mellitus	250	24	0	0	0	0	0	1	0	0	0
Nutritional deficiencies	260-269	0	0	0	0	0	0	0	0	0	0
Anemias	280-285	0	0	0	0	0	0	0	0	0	0
Meningitis	320-322	0	0	0	0	0	0	0	0	0	0
Major cardiovascular diseases	390-448	74	0	3	0	6	0	5	1	1	0
Diseases of heart	390-398,402, 404-429	49	0	3	0	2	0	3	0	0	0

Table A46a. Deaths to decedents of Spanish origin by selected causes and county of residence: Utah, 1996

Cause of death (9th rev.)	ICD Codes	Total	County								
			Beaver	Box Elder	Cache	Carson	Daggett	Davis	Duchesne	Emery	Gefford
Rheumatic fever and rheumatic heart disease	390-398	0	0	0	0	0	0	0	0	0	0
Hypertensive heart disease	402	1	0	0	0	0	0	0	0	0	0
Hypertensive heart and renal disease	404	0	0	0	0	0	0	0	0	0	0
Ischemic heart disease	410-414	29	0	3	0	0	0	2	0	0	0
Acute myocardial infarction	410	13	0	2	0	0	0	0	0	0	0
Other acute and subacute forms of ischemic heart disease	411	0	0	0	0	0	0	0	0	0	0
Angina pectoris	413	0	0	0	0	0	0	0	0	0	0
Old myocardial infarction and other forms of chronic ischemic heart disease	412,414	16	0	1	0	0	0	2	0	0	0
Other diseases of endocardium	424	1	0	0	0	0	0	0	0	0	0
All other forms of heart disease	415-423, 425-429	18	0	0	0	2	0	1	0	0	0
Hypertension with or without renal disease	401,403	1	0	0	0	0	0	0	0	0	0
Cerebrovascular diseases	430-438	20	0	0	0	4	0	1	1	0	0
Occlusion of cerebral arteries	434	1	0	0	0	0	0	0	0	0	0
All other and late effects of cerebrovascular disease	430,433, 435-438	19	0	0	0	4	0	1	1	0	0
Atherosclerosis	440	1	0	0	0	0	0	0	0	1	0
Other diseases of arteries, arterioles and capillaries	441-448	3	0	0	0	0	0	1	0	0	0
Acute bronchitis and bronchiolitis	##	0	0	0	0	0	0	0	0	0	0
Pneumonia and influenza	480-487	9	0	0	0	0	0	2	1	0	0
Pneumonia	480-486	9	0	0	0	0	0	2	1	0	0
Influenza	487	0	0	0	0	0	0	0	0	0	0
Chronic obstructive pulmonary diseases and allied conditions	490-496	11	0	0	0	0	0	0	0	0	0
Bronchitis, chronic and unspecified	490-491	0	0	0	0	0	0	0	0	0	0
Emphysema	492	2	0	0	0	0	0	0	0	0	0
Asthma	493	1	0	0	0	0	0	0	0	0	0
Other chronic obstructive pulmonary diseases and allied conditions	494-496	8	0	0	0	0	0	0	0	0	0
Ulcer of stomach and duodenum	531-533	0	0	0	0	0	0	0	0	0	0
Appendicitis	540-543	1	0	0	0	0	0	0	0	0	0

Table A46a. Deaths to decedents of Spanish origin by selected causes and county of residence: Utah, 1996

Cause of death (9th rev.)	ICD Codes	Total	County								
			Beaver	Box Elder	Cache	Carson	Daggett	Davis	Duchesne	Emery	Gefford
Hernia of abdominal cavity and intestinal obstruction without mention of hernia	550-553,560	2	0	0	0	0	0	0	0	0	0
Chronic liver disease and cirrhosis	571	13	0	0	0	3	0	0	0	0	0
Cholelithiasis and other disorders of gallbladder	574-575	0	0	0	0	0	0	0	0	0	0
Nephritis, nephrotic syndrome, and nephrosis	580-589	3	0	0	0	0	0	1	0	0	0
Acute glomerulonephritis and nephrotic syndrome	580-581	0	0	0	0	0	0	0	0	0	0
Chronic glomerulonephritis, nephritis and nephropathy, not specified as acute or chronic and renal sclerosis unspecified	582-583,587	0	0	0	0	0	0	0	0	0	0
Renal failure, disorders resulting from impaired renal function, and small kidney of unknown cause	584-586,588-589	3	0	0	0	0	0	1	0	0	0
Infections of kidney	590	0	0	0	0	0	0	0	0	0	0
Hyperplasia of prostate	600	0	0	0	0	0	0	0	0	0	0
Complications of pregnancy, childbirth and the puerperium	630-676	1	0	0	0	0	0	0	0	0	0
Other complications of pregnancy, childbirth and the puerperium	640-676	1	0	0	0	0	0	0	0	0	0
Congenital anomalies	740-759	13	0	1	0	0	0	1	0	0	0
Certain conditions originating in the perinatal period	760-779	10	0	0	0	0	0	2	0	0	0
Birth Trauma, intrauterine hypoxia birth asphyxia, and respiratory distress syndrome	767-769	0	0	0	0	0	0	0	0	0	0
Other conditions originating in the perinatal period	760-766,770-779	10	0	0	0	0	0	2	0	0	0
Symptoms, signs, and ill-defined conditions	780-799	14	0	1	1	0	0	1	0	0	0
Accidents and adverse effects	E800-E949	43	0	1	1	0	0	1	0	0	0
Motor vehicle accidents	E810-E825	25	0	1	0	0	0	1	0	0	0
All other accidents and adverse effects	E800-E807, E826-E949	18	0	0	1	0	0	0	0	0	0
Suicide	E950-E959	19	0	0	1	0	0	2	0	0	0
Homicide and legal intervention	E960-E978	21	0	0	0	0	0	0	0	0	0
All other external causes	E980-E999	12	0	0	0	0	0	0	0	0	0
All other diseases	Residual	37	0	0	1	3	0	2	0	0	0

Table A46b. Deaths to decedents of Spanish origin by selected causes and county of residence: Utah, 1996

Cause of death (9th rev.)	ICD Codes	County									
		Grand	Iron	Juab	Kane	Millard	Morgan	Piute	Rich	Salt Lake	San Juan
Total		0	2	1	1	1	0	1	0	222	4
Certain other intestinal infections	007-009	0	0	0	0	0	0	0	0	0	0
Tuberculosis	010-018	0	0	0	0	0	0	0	0	0	0
Tuberculosis of respiratory system	010-012	0	0	0	0	0	0	0	0	0	0
Septicemia	038	0	0	0	0	0	0	0	0	3	0
Viral hepatitis	070	0	0	0	1	0	0	0	0	0	0
All other infectious and parasitic diseases	001-003,005,020-032, 037,039-041,*042-*044, 046-054,056-066, 071-088,098-139	0	0	0	0	0	0	0	0	7	0
Malignant neoplasms	140-208	0	0	0	0	0	0	0	0	31	2
Malignant neoplasms of lip, oral cavity and pharynx	140-149	0	0	0	0	0	0	0	0	0	0
Malignant neoplasms of digestive organs and peritoneum	150-159	0	0	0	0	0	0	0	0	7	1
Malignant neoplasms of respiratory and intrathoracic organs	160-165	0	0	0	0	0	0	0	0	6	1
Malignant neoplasms of breast	174-175	0	0	0	0	0	0	0	0	3	0
Malignant neoplasms of genital organs	179-187	0	0	0	0	0	0	0	0	4	0
Malignant neoplasms of urinary organs	188-189	0	0	0	0	0	0	0	0	2	0
Malignant neoplasms of all other and unspecified sites	170-173,190-199	0	0	0	0	0	0	0	0	5	0
Leukemia	204-208	0	0	0	0	0	0	0	0	3	0
Other malignant neoplasms of lymphatic and hematopoietic tissues	200-203	0	0	0	0	0	0	0	0	1	0
Benign neoplasms, carcinoma in situ, and neoplasms of uncertain behavior and of unspecified nature	210-239	0	0	0	0	0	0	0	0	0	0
Diabetes mellitus	250	0	0	0	0	0	0	0	0	20	0
Nutritional deficiencies	260-269	0	0	0	0	0	0	0	0	0	0
Anemias	280-285	0	0	0	0	0	0	0	0	0	0
Meningitis	320-322	0	0	0	0	0	0	0	0	0	0
Major cardiovascular diseases	390-448	0	0	0	0	1	0	0	0	38	1
Diseases of heart	390-398,402, 404-429	0	0	0	0	1	0	0	0	24	1

Table A46b. Deaths to decedents of Spanish origin by selected causes and county of residence: Utah, 1996

Cause of death (9th rev.)	ICD Codes	County									
		Grand	Iron	Juab	Kane	Millard	Morgan	Piute	Rich	Salt Lake	San Juan
Rheumatic fever and rheumatic heart disease	390-398	0	0	0	0	0	0	0	0	0	0
Hypertensive heart disease	402	0	0	0	0	0	0	0	0	1	0
Hypertensive heart and renal disease	404	0	0	0	0	0	0	0	0	0	0
Ischemic heart disease	410-414	0	0	0	0	1	0	0	0	17	1
Acute myocardial infarction	410	0	0	0	0	1	0	0	0	8	1
Other acute and subacute forms of ischemic heart disease	411	0	0	0	0	0	0	0	0	0	0
Angina pectoris	413	0	0	0	0	0	0	0	0	0	0
Old myocardial infarction and other forms of chronic ischemic heart disease	412,414	0	0	0	0	0	0	0	0	9	0
Other diseases of endocardium	424	0	0	0	0	0	0	0	0	1	0
All other forms of heart disease	415-423, 425-429	0	0	0	0	0	0	0	0	5	0
Hypertension with or without renal disease	401,403	0	0	0	0	0	0	0	0	1	0
Cerebrovascular diseases	430-438	0	0	0	0	0	0	0	0	11	0
Occlusion of cerebral arteries	434	0	0	0	0	0	0	0	0	1	0
All other and late effects of cerebrovascular disease	430,433, 435-438	0	0	0	0	0	0	0	0	10	0
Atherosclerosis	440	0	0	0	0	0	0	0	0	0	0
Other diseases of arteries, arterioles and capillaries	441-448	0	0	0	0	0	0	0	0	2	0
Acute bronchitis and bronchiolitis	##	0	0	0	0	0	0	0	0	0	0
Pneumonia and influenza	480-487	0	0	0	0	0	0	0	0	3	0
Pneumonia	480-486	0	0	0	0	0	0	0	0	3	0
Influenza	487	0	0	0	0	0	0	0	0	0	0
Chronic obstructive pulmonary diseases and allied conditions	490-496	0	0	0	0	0	0	1	0	4	0
Bronchitis, chronic and unspecified	490-491	0	0	0	0	0	0	0	0	0	0
Emphysema	492	0	0	0	0	0	0	0	0	1	0
Asthma	493	0	0	0	0	0	0	1	0	0	0
Other chronic obstructive pulmonary diseases and allied conditions	494-496	0	0	0	0	0	0	0	0	3	0
Ulcer of stomach and duodenum	531-533	0	0	0	0	0	0	0	0	0	0
Appendicitis	540-543	0	0	0	0	0	0	0	0	1	0

Table A46b. Deaths to decedents of Spanish origin by selected causes and county of residence: Utah, 1996

Cause of death (9th rev.)	ICD Codes	County									
		Grand	Iron	Juab	Kane	Millard	Morgan	Piute	Rich	Salt Lake	San Juan
Hernia of abdominal cavity and intestinal obstruction without mention of hernia	550-553,560	0	0	0	0	0	0	0	0	2	0
Chronic liver disease and cirrhosis	571	0	0	0	0	0	0	0	0	7	0
Cholelithiasis and other disorders of gallbladder	574-575	0	0	0	0	0	0	0	0	0	0
Nephritis, nephrotic syndrome, and nephrosis	580-589	0	0	0	0	0	0	0	0	1	0
Acute glomerulonephritis and nephrotic syndrome	580-581	0	0	0	0	0	0	0	0	0	0
Chronic glomerulonephritis, nephritis and nephropathy, not specified as acute or chronic and renal sclerosis unspecified	582-583,587	0	0	0	0	0	0	0	0	0	0
Renal failure, disorders resulting from impaired renal function, and small kidney of unknown cause	584-586,588-589	0	0	0	0	0	0	0	0	1	0
Infections of kidney	590	0	0	0	0	0	0	0	0	0	0
Hyperplasia of prostate	600	0	0	0	0	0	0	0	0	0	0
Complications of pregnancy, childbirth and the puerperium	630-676	0	0	0	0	0	0	0	0	0	0
Other complications of pregnancy, childbirth and the puerperium	640-676	0	0	0	0	0	0	0	0	0	0
Congenital anomalies	740-759	0	0	0	0	0	0	0	0	7	0
Certain conditions originating in the perinatal period	760-779	0	0	0	0	0	0	0	0	6	0
Birth Trauma, intrauterine hypoxia birth asphyxia, and respiratory distress syndrome	767-769	0	0	0	0	0	0	0	0	0	0
Other conditions originating in the perinatal period	760-766,770-779	0	0	0	0	0	0	0	0	6	0
Symptoms, signs, and ill-defined conditions	780-799	0	0	0	0	0	0	0	0	9	0
Accidents and adverse effects	E800-E949	0	2	1	0	0	0	0	0	26	0
Motor vehicle accidents	E810-E825	0	0	0	0	0	0	0	0	18	0
All other accidents and adverse effects	E800-E807, E826-E949	0	2	1	0	0	0	0	0	8	0
Suicide	E950-E959	0	0	0	0	0	0	0	0	12	0
Homicide and legal intervention	E960-E978	0	0	0	0	0	0	0	0	18	1
All other external causes	E980-E999	0	0	0	0	0	0	0	0	8	0
All other diseases	Residual	0	0	0	0	0	0	0	0	19	0

Table A46c. Deaths to decedents of Spanish origin by selected causes and county of residence: Utah, 1996

Cause of death (9th rev.)	ICD Codes	County									
		San pete	Sev er	Sum mit	Too ele	Uin tah	Utah	Wa satch	Wash ing ton	Way ne	We ber
Total		1	0	2	8	4	25	1	4	0	58
Certain other intestinal infections	007-009	0	0	0	0	0	0	0	0	0	1
Tuberculosis	010-018	0	0	0	0	0	0	0	0	0	0
Tuberculosis of respiratory system	010-012	0	0	0	0	0	0	0	0	0	0
Septicemia	038	0	0	0	0	0	0	0	0	0	0
Viral hepatitis	070	0	0	0	0	0	0	0	0	0	0
All other infectious and parasitic diseases	001-003,005,020-032, 037,039-041,*042-*044, 046-054,056-066, 071-088,098-139	0	0	0	2	0	0	0	0	0	0
Malignant neoplasms	140-208	0	0	0	4	1	9	0	2	0	8
Malignant neoplasms of lip, oral cavity and pharynx	140-149	0	0	0	0	0	0	0	0	0	0
Malignant neoplasms of digestive organs and peritoneum	150-159	0	0	0	2	0	3	0	0	0	2
Malignant neoplasms of respiratory and intrathoracic organs	160-165	0	0	0	0	1	1	0	1	0	0
Malignant neoplasms of breast	174-175	0	0	0	0	0	2	0	0	0	1
Malignant neoplasms of genital organs	179-187	0	0	0	0	0	0	0	0	0	3
Malignant neoplasms of urinary organs	188-189	0	0	0	0	0	0	0	0	0	1
Malignant neoplasms of all other and unspecified sites	170-173,190-199	0	0	0	2	0	2	0	0	0	1
Leukemia	204-208	0	0	0	0	0	0	0	0	0	0
Other malignant neoplasms of lymphatic and hematopoietic tissues	200-203	0	0	0	0	0	1	0	1	0	0
Benign neoplasms, carcinoma in situ, and neoplasms of uncertain behavior and of unspecified nature	210-239	0	0	0	0	0	0	0	0	0	0
Diabetes mellitus	250	0	0	0	0	0	0	0	0	0	3
Nutritional deficiencies	260-269	0	0	0	0	0	0	0	0	0	0
Anemias	280-285	0	0	0	0	0	0	0	0	0	0
Meningitis	320-322	0	0	0	0	0	0	0	0	0	0
Major cardiovascular diseases	390-448	0	0	0	0	0	2	0	1	0	15
Diseases of heart	390-398,402, 404-429	0	0	0	0	0	2	0	1	0	12

Table A46c. Deaths to decedents of Spanish origin by selected causes and county of residence: Utah, 1996

Cause of death (9th rev.)	ICD Codes	County									
		San pete	Sev er	Sum mit	Too ele	Uin tah	Utah	Wa satch	Wash ing ton	Way ne	We ber
Rheumatic fever and rheumatic heart disease	390-398	0	0	0	0	0	0	0	0	0	0
Hypertensive heart disease	402	0	0	0	0	0	0	0	0	0	0
Hypertensive heart and renal disease	404	0	0	0	0	0	0	0	0	0	0
Ischemic heart disease	410-414	0	0	0	0	0	1	0	0	0	4
Acute myocardial infarction	410	0	0	0	0	0	0	0	0	0	1
Other acute and subacute forms of ischemic heart disease	411	0	0	0	0	0	0	0	0	0	0
Angina pectoris	413	0	0	0	0	0	0	0	0	0	0
Old myocardial infarction and other forms of chronic ischemic heart disease	412,414	0	0	0	0	0	1	0	0	0	3
Other diseases of endocardium	424	0	0	0	0	0	0	0	0	0	0
All other forms of heart disease	415-423, 425-429	0	0	0	0	0	1	0	1	0	8
Hypertension with or without renal disease	401,403	0	0	0	0	0	0	0	0	0	0
Cerebrovascular diseases	430-438	0	0	0	0	0	0	0	0	0	3
Occlusion of cerebral arteries	434	0	0	0	0	0	0	0	0	0	0
All other and late effects of cerebrovascular disease	430,433, 435-438	0	0	0	0	0	0	0	0	0	3
Atherosclerosis	440	0	0	0	0	0	0	0	0	0	0
Other diseases of arteries, arterioles and capillaries	441-448	0	0	0	0	0	0	0	0	0	0
Acute bronchitis and bronchiolitis	##	0	0	0	0	0	0	0	0	0	0
Pneumonia and influenza	480-487	0	0	0	0	0	2	0	0	0	1
Pneumonia	480-486	0	0	0	0	0	2	0	0	0	1
Influenza	487	0	0	0	0	0	0	0	0	0	0
Chronic obstructive pulmonary diseases and allied conditions	490-496	0	0	0	0	0	1	0	0	0	5
Bronchitis, chronic and unspecified	490-491	0	0	0	0	0	0	0	0	0	0
Emphysema	492	0	0	0	0	0	0	0	0	0	1
Asthma	493	0	0	0	0	0	0	0	0	0	0
Other chronic obstructive pulmonary diseases and allied conditions	494-496	0	0	0	0	0	1	0	0	0	4
Ulcer of stomach and duodenum	531-533	0	0	0	0	0	0	0	0	0	0
Appendicitis	540-543	0	0	0	0	0	0	0	0	0	0

Table A46c. Deaths to decedents of Spanish origin by selected causes and county of residence: Utah, 1996

Cause of death (9th rev.)	ICD Codes	County									
		San pete	Sev er	Sum mit	Too ele	Uin tah	Utah	Wa satch	Wash ing ton	Way ne	We ber
Hernia of abdominal cavity and intestinal obstruction without mention of hernia	550-553,560	0	0	0	0	0	0	0	0	0	0
Chronic liver disease and cirrhosis	571	0	0	0	0	0	0	0	0	0	3
Cholelithiasis and other disorders of gallbladder	574-575	0	0	0	0	0	0	0	0	0	0
Nephritis, nephrotic syndrome, and nephrosis	580-589	0	0	0	0	0	0	0	0	0	1
Acute glomerulonephritis and nephrotic syndrome	580-581	0	0	0	0	0	0	0	0	0	0
Chronic glomerulonephritis, nephritis and nephropathy, not specified as acute or chronic and renal sclerosis unspecified	582-583,587	0	0	0	0	0	0	0	0	0	0
Renal failure, disorders resulting from impaired renal function, and small kidney of unknown cause	584-586,588-589	0	0	0	0	0	0	0	0	0	1
Infections of kidney	590	0	0	0	0	0	0	0	0	0	0
Hyperplasia of prostate	600	0	0	0	0	0	0	0	0	0	0
Complications of pregnancy, childbirth and the puerperium	630-676	0	0	0	0	0	0	0	0	0	1
Other complications of pregnancy childbirth and the puerperium	640-676	0	0	0	0	0	0	0	0	0	1
Congenital anomalies	740-759	0	0	0	0	0	3	0	0	0	1
Certain conditions originating in the perinatal period	760-779	0	0	0	0	0	1	0	0	0	1
Birth Trauma, intrauterine hypoxia birth asphyxia, and respiratory distress syndrome	767-769	0	0	0	0	0	0	0	0	0	0
Other conditions originating in the perinatal period	760-766,770-779	0	0	0	0	0	1	0	0	0	1
Symptoms, signs, and ill-defined conditions	780-799	0	0	0	0	2	0	0	0	0	0
Accidents and adverse effects	E800-E949	1	0	2	0	0	5	0	0	0	3
Motor vehicle accidents	E810-E825	0	0	0	0	0	4	0	0	0	1
All other accidents and adverse effects	E800-E807, E826-E949	1	0	2	0	0	1	0	0	0	2
Suicide	E950-E959	0	0	0	0	0	0	1	0	0	3
Homicide and legal intervention	E960-E978	0	0	0	0	0	0	0	0	0	2
All other external causes	E980-E999	0	0	0	0	0	0	0	0	0	4
All other diseases	Residual	0	0	0	2	1	2	0	1	0	6

Table A47. Deaths to decedents of Spanish origin by health district, county of residence, age and gender: Utah, 1996

Cause of death (9th rev.)	ICD Code	All ages	Age										75 and over
			Under 1	1-4	5-14	15-24	25-34	35-44	45-54	55-64	65-74	75 and over	
Total		385	34	10	6	36	45	28	28	47	53	98	
Certain other intestinal infections	007-009	1	1	0	0	0	0	0	0	0	0	0	
Tuberculosis	010-018	0	0	0	0	0	0	0	0	0	0	0	
Tuberculosis of respiratory system	010-012	0	0	0	0	0	0	0	0	0	0	0	
Septicemia	038	3	1	0	0	0	0	0	0	1	0	1	0
Viral hepatitis	070	1	0	0	0	0	0	0	0	0	1	0	0
All other infectious and parasitic diseases	001-003,005,020-032, 037,039-041,*042-*044, 046-054,056-066, 071-088,098-139	9	0	0	0	0	5	3	0	1	0	0	
Malignant neoplasms	140-208	64	0	0	1	3	4	4	8	12	18	14	
Malignant neoplasms of lip, oral cavity and pharynx	140-149	0	0	0	0	0	0	0	0	0	0	0	
Malignant neoplasms of digestive organs and peritoneum	150-159	18	0	0	0	1	0	0	3	6	5	3	
Malignant neoplasms of respiratory and intrathoracic organs	160-165	11	0	0	0	0	0	0	1	2	5	3	
Malignant neoplasms of breast	174-175	6	0	0	0	0	2	2	0	0	1	1	
Malignant neoplasms of genital organs	179-187	7	0	0	0	0	1	0	1	0	1	4	
Malignant neoplasms of urinary organs	188-189	3	0	0	0	0	0	0	1	1	1	0	
Malignant neoplasms of all other and unspecified sites	170-173,190-199	12	0	0	1	1	0	1	0	2	5	2	
Leukemia	204-208	3	0	0	0	0	1	0	2	0	0	0	
Other malignant neoplasms of lymphatic and hematopoietic tissues	200-203	4	0	0	0	1	0	1	0	1	0	1	
Benign neoplasms, carcinoma in situ, and neoplasms of uncertain behavior and of unspecified nature	210-239	0	0	0	0	0	0	0	0	0	0	0	
Diabetes mellitus	250	24	0	0	0	0	0	1	3	4	9	7	
Nutritional deficiencies	260-269	0	0	0	0	0	0	0	0	0	0	0	
Anemias	280-285	0	0	0	0	0	0	0	0	0	0	0	
Meningitis	320-322	0	0	0	0	0	0	0	0	0	0	0	
Major cardiovascular diseases	390-448	74	0	0	0	1	1	1	5	9	16	41	
Diseases of heart	390-398,402, 404-429	49	0	0	0	1	1	1	4	6	11	25	

Table A47. Deaths to decedents of Spanish origin by health district, county of residence, age and gender: Utah, 1996

Cause of death (9th rev.)	ICD Code	All ages	Age									75 and over
			Under 1	1-4	5-14	15-24	25-34	35-44	45-54	55-64	65-74	
Rheumatic fever and rheumatic heart disease	390-398	0	0	0	0	0	0	0	0	0	0	0
Hypertensive heart disease	402	1	0	0	0	0	0	0	0	0	1	0
Hypertensive heart and renal disease	404	0	0	0	0	0	0	0	0	0	0	0
Ischemic heart disease	410-414	29	0	0	0	0	0	0	4	6	5	14
Acute myocardial infarction	410	13	0	0	0	0	0	0	2	3	0	8
Other acute and subacute forms of ischemic heart disease	411	0	0	0	0	0	0	0	0	0	0	0
Angina pectoris	413	0	0	0	0	0	0	0	0	0	0	0
Old myocardial infarction and other forms of chronic ischemic heart disease	412,414	16	0	0	0	0	0	0	2	3	5	6
Other diseases of endocardium	424	1	0	0	0	0	0	1	0	0	0	0
All other forms of heart disease	415-423, 425-429	18	0	0	0	1	1	0	0	0	5	11
Hypertension with or without renal disease	401,403	1	0	0	0	0	0	0	0	0	0	1
Cerebrovascular diseases	430-438	20	0	0	0	0	0	0	1	2	4	13
Occlusion of cerebral arteries	434	1	0	0	0	0	0	0	0	0	0	1
All other and late effects of cerebrovascular disease	430,433, 435-438	19	0	0	0	0	0	0	1	2	4	12
Atherosclerosis	440	1	0	0	0	0	0	0	0	0	0	1
Other diseases of arteries arterioles and capillaries	441-448	3	0	0	0	0	0	0	0	1	1	1
Acute bronchitis and bronchiolitis	##	0	0	0	0	0	0	0	0	0	0	0
Pneumonia and influenza	480-487	9	1	0	0	0	0	0	0	0	1	1
Pneumonia	480-486	9	1	0	0	0	0	0	0	0	1	1
Influenza	487	0	0	0	0	0	0	0	0	0	0	0
Chronic obstructive pulmonary diseases and allied conditions	490-496	11	0	0	1	0	0	0	1	1	2	6
Bronchitis, chronic and unspecified	490-491	0	0	0	0	0	0	0	0	0	0	0
Emphysema	492	2	0	0	0	0	0	0	0	0	1	1
Asthma	493	1	0	0	1	0	0	0	0	0	0	0
Other chronic obstructive pulmonary diseases and allied conditions	494-496	8	0	0	0	0	0	0	1	1	1	5
Ulcer of stomach and duodenum	531-533	0	0	0	0	0	0	0	0	0	0	0
Appendicitis	540-543	1	0	1	0	0	0	0	0	0	0	0

Table A47. Deaths to decedents of Spanish origin by health district, county of residence, age and gender: Utah, 1996

Cause of death (9th rev.)	ICD Code	All ages	Age										75 and over
			Under 1	1-4	5-14	15-24	25-34	35-44	45-54	55-64	65-74		
Hernia of abdominal cavity and intestinal obstruction without mention of hernia	550-553,560	2	0	0	0	0	0	0	0	0	0	0	2
Chronic liver disease and cirrhosis	571	13	0	0	0	0	1	2	2	3	2	3	
Cholelithiasis and other disorders of gallbladder	574-575	0	0	0	0	0	0	0	0	0	0	0	0
Nephritis, nephrotic syndrome, and nephrosis	580-589	3	0	0	0	0	1	0	0	0	0	0	2
Acute glomerulonephritis and nephrotic syndrome	580-581	0	0	0	0	0	0	0	0	0	0	0	0
Chronic glomerulonephritis, nephritis and nephropathy, not specified as acute or chronic and renal sclerosis unspecified	582-583,587	0	0	0	0	0	0	0	0	0	0	0	0
Renal failure, disorders resulting from impaired renal function, and small kidney of unknown cause	584-586,588-589	3	0	0	0	0	1	0	0	0	0	0	2
Infections of kidney	590	0	0	0	0	0	0	0	0	0	0	0	0
Hyperplasia of prostate	600	0	0	0	0	0	0	0	0	0	0	0	0
Complications of pregnancy, childbirth and the puerperium	630-676	1	0	0	0	0	0	1	0	0	0	0	0
Other complications of pregnancy, childbirth and the puerperium	640-676	1	0	0	0	0	0	1	0	0	0	0	0
Congenital anomalies	740-759	13	13	0	0	0	0	0	0	0	0	0	0
Certain conditions originating in the perinatal period	760-779	10	10	0	0	0	0	0	0	0	0	0	0
Birth trauma, intrauterine hypoxia, birth asphyxia, and respiratory distress syndrome	767-769	0	0	0	0	0	0	0	0	0	0	0	0
Other conditions originating in the perinatal period	760-766,770-779	10	10	0	0	0	0	0	0	0	0	0	0
Symptoms, signs, and ill-defined conditions	780-799	14	4	1	0	0	0	1	2	1	1	1	4
Accidents and adverse effects	E800-E949	43	1	3	2	16	10	4	2	4	1	1	0
Motor vehicle accidents	E810-E825	25	0	2	2	10	7	1	1	2	0	0	0
All other accidents and adverse effects	E800-E807, E826-E949	18	1	1	0	6	3	3	1	2	1	0	0
Suicide	E950-E959	19	0	0	0	7	8	2	1	1	0	0	0
Homicide and legal intervention	E960-E978	21	0	2	0	9	8	0	1	1	0	0	0
All other external causes	E980-E999	12	1	1	1	0	6	3	0	0	0	0	0
All other diseases	Residual	37	2	2	1	0	1	6	2	8	2	13	

1996 Technical Appendix:

Births and Deaths

TECHNICAL APPENDIX

Vital Statistics Registration in Utah

Centralized vital statistics registration for the State of Utah was first established by act of the Utah Legislature in 1905. Sections 26-2-1 through 26-2-27, Utah Code Annotated, 1953 as amended, provide the current statutory authority.

26-2-3. The department shall have the following powers and duties:

- (1) provide offices properly equipped for the preservation of vital records made or received under this chapter;
- (2) establish a statewide system of vital statistics for the registration, collection, preservation, amendment and certification of vital records and other reports required by this chapter and activities related thereto including the tabulation, analysis, and publication of vital statistics;
- (3) prescribe forms for certificates, certification, and other necessary forms;
- (4) provide for the annual compilation, analysis, and publication of statistics from vital records;
- (5) enforce this chapter and the rules made pursuant hereto;
- (6) appoint a state registrar of vital statistics to direct the statewide system of vital statistics;
- (7) divide the state from time to time into registration districts; and
- (8) appoint local registrars for registration districts who, under the direction and supervision of the state registrar, shall perform all duties required of them by this chapter and the rules of the department.

Under Utah's statutes, full-time health officers of local health departments become ex officio local registrars and are responsible for the registration of certificates for all births and deaths that occur within their respective jurisdictions. Figure A-1 is a list of local health departments, registrars and deputy registrars. Each of the twelve local health departments reside over a local health district. The local health districts (also referred to as "districts" in this report) and respective counties are Bear River (Box Elder, Cache and Rich), Central Utah (Juab, Millard, Piute, Sanpete, Sevier and Wayne), Davis, Salt Lake, Southeastern (Carbon, Emery, Grand and San Juan), Southwest (Beaver, Garfield, Iron, Kane and Washington), Summit, Tooele, Uintah Basin (Daggett, Duchesne, and Uintah), Utah, Wasatch, and Weber-Morgan (Morgan and Weber). Figure A-2 is a Utah map which shows the county boundaries.

Source of Data

Vital statistics certificates filed with the state Bureau of Vital Records are the primary source of data presented within this report. These records include certificates of live birth, death and fetal death. Source data of official population estimates for the state are provided by the Governor's Office of Planning and Budget.

Certificate Revision

Utah's certificates of live birth, death and fetal death have been revised periodically. The most recent revision of the live birth certificate is 1993, and the most recent revision of the death and fetal death certificates are 1989. The revised certificates include all of the items on the recommended national "Standard Certificates," with some modifications and additions to meet particular needs in Utah (Figures A-3, A-4 and A-5).

Quality and Limitations of Data

Limitations of the data must be recognized before valid interpretation is possible. For vital statistics data, these limitations are related to the difficulties in reporting and classifying information and to some under-registration of events. It is necessary to exercise particular caution when evaluating vital statistics trend data, since medical concepts, code

The completeness of registration for births was last tested at the state level in conjunction with the 1950 U.S. Census of the Population and was found to be 98.7 percent complete at that time. At the present time, more than 99 percent of all Utah's resident births occur in hospitals. This fact, coupled with information from sample studies, indicates that the completeness of birth certificate registration now exceeds 99 percent.

The registration of fetal deaths at 20 weeks or more gestation is required by statute. Since May 1981, the institution where the delivery occurs has the responsibility for filing a fetal death certificate if the delivery results in a fetal death. Fetal death certificates are to be registered by the fifth day after the delivery and before disposition of the remains. Most deliveries (99%) occur in hospitals and women who miscarry unexpectedly at 20 weeks or more are usually taken to a hospital if they are not already there. Funeral directors are responsible for checking that a fetal death certificate has been filed for all such dispositions they handle.

Limitation of Small Numbers

All statistics are subject to chance variation. Such random variation in a large number of events has little effect on the data for the group; however, random variation in a small number of events may result in a startling change in the data for the group. For example, minor differences in the number of births or deaths in small populations or in the number of deaths from uncommon causes may result in large changes in these rates. Rates for areas of small population or for events with few occurrences should be interpreted with this limitation in mind.

Cause of Death

Cause of death statistics are derived from the medical certification information required by law to be reported on the death or fetal death certificate by the attending physician or medical examiner. The medical certification item on certificates of death and fetal death has a provision for reporting three causes of death--immediate, intervening, and underlying, plus additional information related to the cause of death. The cause of death

selected for coding and tabulating mortality statistics is the "underlying cause

of death," which is generally defined as the disease or injury which initiated the sequence of morbid events leading directly to death.

Occasionally, death certificates are registered with the cause of death information incomplete, inconsistent, or equivocal, and additional information from the certifier is not available. In such cases, selection and modification rules are used to select the underlying cause of death for statistical purposes. Selection and modification rules which adapt the coding procedures to reporting practices in the United States are published by the Public Health Service, National Center for Health Statistics, in annual editions of the Vital Statistics Instructional Manual. From January 1, 1968 through December 31, 1978, the Eighth Revision International Classification of Diseases was used in classifying the underlying cause of death on Utah's death certificates. Starting January 1, 1979, the Ninth Revision of the International Classification of Diseases has been used to code the underlying cause of death in Utah. Comparability ratios between revisions have been computed by the National Center for Health Statistics¹ and have been published in the Utah Vital Statistics, Annual Report: 1980. Comparability ratios for some cause of death codes show extreme variation and utmost caution should be taken in interpreting any cause of death trends that span the Eighth and Ninth Revisions of the International Classification of Disease.

Geographic Bases

Birth and death data can be presented by place of occurrence of the event or by place of usual residence of the individual. For deaths, "place of residence" for the decedent is defined as the usual residence of the decedent. For births, "place of residence" for the child is defined as the usual residence of the mother.

Reallocation of birth and death certificates to the state of residence has been virtually complete on a nationwide basis since 1955. This is made possible by a cooperative program among the states for exchange of

of occurrence rather than by place of residence. Statistical tabulations of accidental deaths "by place of occurrence" refer to the place where the death occurred, and not the place where the accident occurred. A hypothetical example may help to clarify the above explanation. Assume that a resident of Denver, Colorado is involved in a motor vehicle accident in Wendover, Nevada and requires emergency aid of a special nature. The closest available facility is the Tooele Valley Hospital in Tooele, Utah. After arriving at the hospital, the patient succumbs to conditions arising from the accident. In such cases, the "place of occurrence" of the death for statistical purposes would be Tooele, Utah, not Wendover, Nevada; however, there can also be a table of accidental deaths by place where the accident occurred. In this example, the death would be classified as an accidental death to a non-resident which occurred in Utah. The place where the accident occurred would be out-of-state (Wendover, Nevada).

Race/Ethnic Origin

The Utah Department of Health began tabulating birth data by race of mother in the 1990 data year. Prior to 1990, birth data was tabulated by race of infant. This change corresponds to the 1989 revision of the Utah birth certificate. Caution should be used when comparing the racial classification of birth data prior to 1990 with data collected in 1990 and later. An explanation of the factors that brought about the racial classification change of birth data and the problems of analyzing the trend data is available in Utah's Vital Statistics Annual Report: 1990.

¹National Center for Health Statistics, "Estimates of Selected Comparability Ratios Based on Dual Coding of 1976 Death Certificates by the Eighth and Ninth Revisions of the International Classification of Diseases," Monthly Vital Statistics Report, 28, 11(S), pp 12-13, Hyattsville MD, Public Health Service, February 29, 1980.

Errata

rr

e

Births by race of mother, birth order of infant and age of mother, residents: Utah, 1995

a n inf	Total	Age of mother										
		Under 15	15 to 19	Total	15-17	18-19	20-24	25-29	30-34	35-39	40-44	45 and over
All	39,556	57	4,219	1,488	2,731	12,351	11,886	7,499	2,942	571	27	4
ra	15,101	57	3,530	1,382	2,148	6,541	3,403	1,141	370	59	0	0
c	Second	10,768	0	609	101	508	4,113	3,885	1,610	469	78	3
es	Third	6,687	0	75	5	70	1,331	2,878	1,827	497	75	3
First	3,609	0	5	0	5	296	1,225	1,488	526	65	3	1
Second	1,777	0	0	0	0	55	350	853	435	82	1	1
Third	1,614	0	0	0	0	15	145	580	645	212	17	0
Fourth	0	0	0	0	0	0	0	0	0	0	0	0
Fifth	0	0	0	0	0	0	0	0	0	0	0	0
Sixth or more	0	0	0	0	0	0	0	0	0	0	0	0
Not stated	0	0	0	0	0	0	0	0	0	0	0	0
W	37,446	52	3,940	1,377	2,563	11,745	11,314	7,059	2,769	537	26	4
hit	First	14,260	52	3,304	1,282	2,022	6,265	3,207	1,036	339	57	0
e	Second	10,183	0	560	90	470	3,903	3,732	1,489	424	71	3
Bl	Third	6,362	0	71	5	66	1,245	2,765	1,743	465	69	3
a	Fourth	3,456	0	5	0	5	271	1,165	1,444	508	59	3
ck	Fifth	1,680	0	0	0	0	48	326	810	415	79	1
Bl	Sixth or more	1,505	0	0	0	0	13	119	537	618	202	16
a	Not stated	0	0	0	0	0	0	0	0	0	0	0
Bl	235	3	44	20	24	85	46	40	17	0	0	0
a	First	92	3	34	18	16	36	12	6	1	0	0
ck	Second	69	0	10	2	8	30	13	13	3	0	0
Bl	Third	42	0	0	0	0	14	12	12	4	0	0
a	Fourth	13	0	0	0	0	5	4	2	2	0	0
ck	Fifth	10	0	0	0	0	0	2	5	3	0	0
Bl	Sixth or more	9	0	0	0	0	0	3	2	4	0	0
a	Not stated	0	0	0	0	0	0	0	0	0	0	0
In	607	1	125	45	80	193	143	99	38	8	0	0
at	First	201	1	98	39	59	72	13	11	6	0	0
iv	Second	142	0	25	6	19	63	30	15	9	0	0
e	Third	124	0	2	0	2	43	44	27	8	0	0
A	Fourth	61	0	0	0	0	12	31	16	1	0	0
m	Fifth	35	0	0	0	0	2	14	12	6	1	0
er	Sixth or more	44	0	0	0	0	1	11	18	8	6	0
ri	Not stated	0	0	0	0	0	0	0	0	0	0	0
c	Ot	1,187	1	102	41	61	311	358	283	108	23	1
a	h											0
n	er											
	ra											
	c											
	es											

First	516	1	86	38	48	161	159	85	22	2	0	0
Second	355	0	14	3	11	111	102	91	31	6	0	0
Third	142	0	2	0	2	25	54	37	19	5	0	0
Fourth	73	0	0	0	0	8	24	24	13	4	0	0
Fifth	48	0	0	0	0	5	7	24	10	2	0	0
Sixth or more	53	0	0	0	0	1	12	22	13	4	1	0
Not stated	0	0	0	0	0	0	0	0	0	0	0	0

N

o

t

s

a

e

d

First	81	0	8	5	3	17	25	18	10	3	0	0
Second	32	0	8	5	3	7	12	3	2	0	0	0
Third	19	0	0	0	0	6	8	2	2	1	0	0
Fourth	17	0	0	0	0	4	3	8	1	1	0	0
Fifth	6	0	0	0	0	0	1	2	2	1	0	0
Sixth or more	4	0	0	0	0	0	1	2	1	0	0	0
Not stated	3	0	0	0	0	0	0	0	1	2	0	0
	0	0	0	0	0	0	0	0	0	0	0	0



UTAH BUREAU OF VITAL RECORDS
299 N 1460 W
PO BOX 142855
SALT LAKE CITY UT 84114-2855

BULK RATE
U.S. POSTAGE PAID
PERMIT NO 4621
SALT LAKE CITY UT